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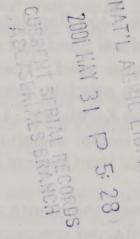
United States
Department of
Agriculture

Marketing and Regulatory Programs

Agricultural Marketing Service

Livestock and Seed Program

Items of Interest in Seed Control



Spring 2001

Kentucky 31 Tall Fescue? Maybe Not	 1
ASCONES Meeting	 1
Ryegrass Fluorescence List	 3
Pennington Seed Owned By Central Garden & Pet Company	 5
List of Plant Variety Protection Certificates	 6

Seed Regulatory and Testing Branch Room 209, Building 306, BARC-East Beltsville, Maryland 20705-2325 Regulatory: 301-504-9430; Fax 301-504-8098 Testing: 301-504-8089; Fax 301-504-8098 http://www.ams.usda.gov/lsg/seed/ls-sd.htm

KENTUCKY 31 TALL FESCUE? MAYBE NOT.

The Seed Regulatory and Testing Branch (SRTB) recently received complaints of possible Federal Seed Act violations from several states involving shipments of 'Kentucky 31' tall fescue seed. These shipments are suspected of being mislabeled as to variety. Seeds from officially drawn samples from these seed lots appear to be a tall fescue variety other than Kentucky 31 based on morphological seed characteristics. Seeds of these samples are larger, weigh more per hundred seed count, and have a more gradual taper toward the apex than typical Kentucky 31 tall fescue seeds.

These shipments were labeled as Missouri origin. However, samples from these seed lots contained ryegrass seed as a contaminant. Usually samples of Kentucky 31 tall fescue seed of Missouri origin contain orchardgrass as a contaminant. Therefore, this observation indicates that these seed shipments may not be of Missouri origin.

Additional testing of these samples, including growth chamber grow-out tests and possibly electrophoresis, is planned. Also, plans are being made to plant these samples in a trueness-to-variety field grow-out test this fall for evaluation in the spring of 2002.

The SRTB received similar complaints of Kentucky 31 tall fescue varietal mislabeling in 1986 and 1987. These complaints were valid and resulted in charge sheets being issued to the seed companies involved.

This article was also sent to Atlantic Seedsmen's Association Executive Director John Baylor to be printed in their newsletter "The Seedsman."

ASCONES MEETING

Members of the Association of Seed Control Officials of the Northeastern States (ASCONES) met in Hagerstown, MD, on March 28, 2001. State officials involved in seed regulatory, seed testing, and seed certification activities in Delaware, Maryland, New Jersey, New York, Pennsylvania, and West Virginia attended, as did Seed Regulatory and Testing Branch (SRTB) Chief Richard Payne and SRTB Seed Marketing Specialist Don Dreyer. Dr. John Baylor, Executive Director of The Atlantic Seedsmen's Association (ASA) also attended.

Topics discussed at the meeting were:

- Representatives of each of the organizations present reported on the activities and problems faced by their seed programs.
- Invasive species regulation continues to be an important issue for ASCONES and for numerous other government regulatory organizations. Seed trade organizations and seed companies have many concerns about which species are classified as invasive and how they will be regulated. Both the regulators and the trade foresee problems as various organizations formulate their own invasive species lists and determine which species they intend to include on those lists. Important agricultural crops are already listed as invasive on many lists; definitions and situations continue to change, making this a difficult issue for both seed regulators and seed producers.

- Ryegrass fluorescence testing, which is used as a method of separating annual and perennial ryegrass varieties, and the development of a grow-out test that would be another methodology to separate annual and perennial ryegrass varieties were discussed.
- The use of AMS code designation numbers (issued by the SRTB) that may be used, in some circumstances, in place of a seed shipper's name and address were explained and examples of how AMS code designations may be used were given.
- The problem of seed companies labeling seed with test dates that are in the future was discussed. As an example, a seed inspector may have found, in December 2000, seed that was labeled as tested in January 2001; obviously, an impossibility since January 2001 had not yet arrived.
- Regulating seed that has had press-on stickers added over already existing labeling remains a troubling issue. Among the difficulties presented by stick-on labels is whether the stick-on label actually pertains to the seed in question. Another issue is determining the purpose of the stick-on label. Is it to update new seed packaged for the new year and placed on carryover containers at the seed company? Or, is it to update carryover seed already on hand from last year at a retail outlet? There are any number of additional questions that can arise about stick-on labeling. The ASCONES members agreed to introduce this issue and discuss it further at the national meeting of the Association of American Seed Control Officials (AASCO) where state representatives from the three other regional organizations will be present.
- The 'Starlink' corn issue was discussed. The potential for a genetically modified organism (GMO) accidentally being mixed into uses for which the GMO crop was not approved remains a major issue of concern.
- The attendees were given the proposed amendments to the Recommended Uniform State Seed Law (RUSSL) that will be voted on at this summer's AASCO meeting.
- The last issue discussed was Pennsylvania's efforts to modify their regulations to correctly label conservation seed mixtures that often consist of relatively small percentages of many component items.

Dr. Baylor reiterated his previous invitations for the ASCONES group to meet with the ASA at the ASA's annual convention. The ASA will meet October 14-16, 2001, in Annapolis, MD. ASCONES members have attended many of the ASA conventions in recent years. The opportunities to meet with this trade group and have discussions and programs have proven to be beneficial to the members of both organizations.

Following the program discussion, the ASCONES members held a business meeting. The main point of business was the election of new officers that had been conducted by mail vote prior to the Hagerstown meeting. The ASCONES officers will be installed at this summer's AASCO meeting. The officers will be President Joe Garvey (PA), Vice-President Floyd Yoder (NJ), Secretary/Treasurer Bill Cook (PA), and AASCO Executive Committee member Bill Nastyn (NY). ASCONES plans to continue these March meetings in the

Hagerstown, MD vicinity. Next year's meeting may be a joint meeting with the seed certification personnel of the ASCONES states.

RYEGRASS FLUORESCENCE LIST

On March 27, 2001, the National Grass Variety Review Board (NGVRB) issued an updated ryegrass fluorescence list.

Four experimental perennial ryegrass varieties, one perennial ryegrass variety, and one experimental annual ryegrass variety were added to the list. The perennial ryegrass experimental varieties are AG-P981 (Prosport), Bayou, Pageant II, and JR-187 (Monterey II). The perennial ryegrass variety Prowler was also added. The experimental annual ryegrass variety Passerel Plus was added.

The fluorescence percentages for Caddieshack and TopGun perennial ryegrasses have been changed to 1.57% and 1.15%, respectively.

The perennial ryegrasses AllSport, Exacta, Affirmed, Churchill, and Fiesta have all been accepted for certification as varieties.

Lowgrow II perennial ryegrass has been given the Organisation for Economic Co-operation and Development (OECD) name Sunbright. Charger II has been given the OECD name Fairway.

Perennial	Percent	Perennial	Percent
Ryegrass	Varietal	Ryegrass	Varietal
Variety Name	Fluorescence	Variety Name	Fluorescence
246	0.27%	Assure	0.72%
2CB	1.97%	Bayou ¹	1.33%
856	0.87%	Bedford	1.40%
89-90	2.15%	Bella	0.65%
90-14 ¹	7.12%	Blackhawk	1.17%
96-KSOS-L-1-PR-WVPB-C-24 ¹	6.50%	Blazer III	1.18%
A+	6.23%	Boardwalk	2.72%
Academy	2.33%	Breeze	1.57%
Accent	0.56%	Brightstar	1.79%
Accolade	4.83%	Brightstar II	2.24%
Accord	4.08%	Buccaneer	7.44%
Achiever	0.93%	Buccaneer II	5.48%
Advent	0.14%	CIS-MBH	1.27%
Affinity	0.77%	C-21	6.28%
Affirmed	2.59%	Caddieshack	1.57%
Agresso	2.00%	Caliente	0.74%
AG-P981 (Prosport) 1	1.36%	Calypso	1.29%
AllSport	0.92%	Calypso II	0.47%
All*Star	0.47%	Catalina	3.18%
Allaire II	1.15%	Cathedral	0.85%
APM	0.59%	Chaparral	1.62%
Aquarius	0.97%	Charger II ³	0.54%
Archer	1.51%	Charisma	2.39%
Ascend	3.09%	Chatham ³	2.11%
ASP410	0.18%	Churchill	2.93%

Citation III	0.96%	Manhattan II ³	0.65%
Commander	1.02%	Manhattan 3 ³	0.88%
Cutter	1.65%	Mardi Gras	1.07%
Dancer	0.78%	Monterey	2.64%
Dandy	2.00%	Morningstar	0.87%
Delaware Dwarf	2.60%	MP5 (PDQ) 1	4.65%
Derby Supreme	2.85%	Mulligan	1.86%
Dillon	4.14%	Navajo ³	0.37%
Divine	3.09%	Newlinn	5.85%
DS95-201 (Enchanted) 1	1.12%	NightHawk	1.39%
Edge	1.73%	Nobility	7.53%
Elegance	1.51%	Nomad	1.03%
Elf	0.75%	Nova	1.00%
Elite	4.84%	Omega 3	0.73%
Envy	0.22%	Omni	0.51%
EP37 (Magic II) ¹	1.36%	Pageant	2.22%
EP39 (Pronto II) ¹	1.75%	Pageant II ¹	3.32%
Equal	1.98%	Palmer	1.04%
Esquire ¹	3.10%	Palmer II	1.51%
Evening Shade	1.17%	Palmer III	0.23%
Exacta	1.22%	Panther	1.18%
Excel ³	1.53%	Passport ³	1.06%
Express	4.00%	Patriot II	0.42%
Fiesta II ³	1.14%	Pearl	1.86%
Fiesta 3	1.02%	Pegasus	2.41%
Gator	0.88%	Pennant	0.50%
Gator II	2.50%	Pennant II	1.63%
Gettysburg	2.74%	Phantom	2.19%
Goalkeeper	0.82%	Pick Lp Q-93 ¹	6.44%
Greenland	1.20%	Pleasure	4.09%
Grimalda	2.00%	Pleasure XL	1.11%
Headstart	2.09%	PR8820	0.79%
Imagine	1.31%	Prelude	1.72%
Jet	0.84%	Prelude II	2.25%
Jiffie	6.06%	Prelude III	0.59%
JR-128 (Galaxy) ¹	1.19%	Prizm	0.71%
JR-151 (Admire) ¹	2.37%	Protocol	4.30%
	1.94%	Protocol II ¹	5.28%
JR-187 (Monterey II) 1	1.42%	Prowler	0.21%
JR-265 (A.S.A.P.) ¹	1.32%	Quickstart	0.18%
JR-317 (Extreme) ¹	0.53%	R2	1.25%
Laredo	0.37%	Racer	1.23%
Legacy			0.99%
LF-100 (Continental) ¹	5.88%	Regency	0.33%
Lindsay	1.72%	Repell II 3	1.56%
Line Drive	2.72%	Repell III	0.80%
Linn	5.00%	Repell III	2.00%
Lowgrow ³	1.31%	Reveille	0.58%
Lowgrow II	1.35%	Riviera	
LP22 (Vail) ¹	0.82%	Riviera II	1.08%
LRF-94-C8 ¹	0.64%	Roadrunner	2.53%
Lynx	4.19%	Rodeo II	2.47%
MB 48 (Wilmington) ¹	0.17%	Rosalin	3.26%
MB 49 (Nexus) ¹	2.01%	Saturn II	0.85%
Magic	1.21%	Seville ³	0.33%
Majesty	1.59%	Sherwood	1.08%

Shining Star	0.10%	Annual	Percent					
Sonata	1.20%	Ryegrass	Varietal					
SR 4100 ³	0.37%	Variety Name	Fluorescence					
SR 4200	0.34%	Florida 80	98.89%					
Stallion Select	2.37%	Grazer	99.78%					
Stallion Supreme	1.16%	Gulf	99.02%					
Stardance	1.90%	Jackson	98.80%					
Statesman	1.27%	Magnolia ²						
Statesman II	8.42%	Marshall	96.00%					
Sunshine	2.65%	Passerel Plus ¹	98.83%					
Target	3.28%	Rio ¹	98.97%					
Tonga	11.53%	Surrey	98.91%					
TopGun	1.15%	TAM 90	98.45%					
Top Hat	0.77%							
Topeka	2.34%	¹ Experimental Designat	ion and/or Variety					
Tove	17.48%							
Twister	3.85%	² Exempt from varietal f	luorescence testing					
Vantage	2.19%	calculations.						
Vibrant ¹	4.30%							
Vivid	1.24%	³ The NGVRB is now list	ting OECD synonym					
Wind Dance	1.17%	names. These names a	re not acceptable for					
Wind Star	0.47%	sale in the United States	s and are included for					
Wizard ³	2.57%	informational purposes.	The variety and its					
WVPB-PR-C-2, C-2 ¹	8.65%	OECD synonym shown	in italics are: Charger					
WVPB-93-KFK ¹	3.84%	II-Fairway, Chatham-Ca	tia, Excel-Romadera,					
WVPB-PR-Koos-95-9 (Bre-	eze II) ¹ 6.85%	Fiesta II-Pickwick, Lowe	grow <i>-Lex86</i> ,					
WVPB-PR-RS-2 ¹	1.59%	Lowgrow II-Sunbright, I	Manhattan II-Numan,					
WVPB-XB-2 ¹	26.71%	Manhattan 3-Triman, N	avajo-Comanche,					
WVPB-XP-6 ¹	21.69% Passport-Romeo, Repel II-Verdi,							
Yorktown III	n III 1.42% Seville-Leonardo, SR4100-Athena,							
		vvizaru-Sarumero.	Wizard-Sardinero.					

PENNINGTON SEED OWNED BY CENTRAL GARDEN & PET COMPANY

We have been asked by Central Garden & Pet Company to provide our readers with information concerning a reorganization of the company's three business units and its Pennington Seed, Inc. affiliate. Central Garden has reorganized its Ezell Nursery Supply and Central Garden Distribution units into the Excel Garden Products business unit. Excel Marketing, another business unit, will manage the current proprietary and control brands of the Garden Products Division. Norcal Pottery is the third business unit in the Garden Products Division. The Garden Products Division and Pennington Seed, Inc. form the entire Garden Group for Central Garden & Pet Company. If you have questions concerning this reorganization, they may be addressed to the company's Kate Berenson at 510-521-6469.

List Of Plant Variety Protection Certificates

1994 PVPA		, ≯ 1	* * * * *		
TITLE V (GEN.)	(*)			Y (2) Y (2)	Y (2)
APPLICANT	University of Georgia Research Foundation, Inc. United AgriSeeds, Inc. W-L Research, Inc. Lathrop & Gage L.C. Plant Genetics, Inc. Pioneer Hi-Bred International, Inc. W-L Research, Inc.	Thaddeus H. Busbice Novartis Seeds, Inc. University of Georgia Research Foundation, Inc. Lathrop & Gage L.C. Lathrop & Gage L.C.	DEKALB Genetics Corporation DEKALB Genetics Corporation DEKALB Genetics Corporation DEKALB Genetics	Lathrop & Gage L.C. Lathrop & Gage L.C. Plant Genetics, Inc. Lathrop & Gage L.C. Forage Seeds International Vista Research Dairyland Seed Company,	Inc. Dairyland Seed Company, Inc. Dairyland Seed Company, Inc. Lathrop & Gage L.C. Cornell University Agricultural Experiment Station
KIND VARIETY	0 0	Cimarron VR Crockett Cut'N'Graze Dart Diamond	DK127 DK140 DK141 DK143	Endure Expo Flint GT-13R Plus Hasawi + Legend MagnaGraze	Magnum III Magnum IV Maverick Mohawk
TITLE V 1994 (GEN.) PVPA	≯	→	G ynainely Septification	>- >-	→ →
APPLICANT		International, Inc. Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc.	International, Inc. Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc.		International, Inc. Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc. Lathrop & Gage L.C.
KIND VARIEȚY	ALFALFA 5151 5246 5252 5262	5312 5331 5333	5364 5373 5432	5454 5472 5681 5683	5715 5888 5939 Advantage

^(*) No limit to the number of generations of certified seed beyond breeders seed.

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1994 PVPA	₩	≯								<u>,</u>	> -1
TITLE V (GEN.)			Y (2) Y (2)		Y (2)	Y (3)	Y (3) Y (3) Y (3)	Y (3)	Y (3)	Y (3) Y (3)	
APPLICANT	NK Lawn and Garden Company AgriBioTech, Inc.	ഗ	Tom G. Kurupas Farming The Regents of the University of California	Ball Horticultural Company	USDA-ARS Novartis Seeds, Inc.		ត្រស្រ	Resources, Inc. Busch Agricultural Resources, Inc. Busch Agricultural Resources, Inc.	0 0	Busch Agricultural Resources, Inc. Busch Agricultural Resources, Inc.	busch Agricultural Resources, Inc.
KIND VARIETY	Fults Salty ARTICHOKE	Big Heart XR-1 D. G 101	rald erial Star CHINA	Pot 'N Patio Blue BAHIAGRASS	Tifton 9 BARLEY 400	401 409 425 560	Apex B1201 B1202	B1203 B1215	B1601 B1602	B1603 B1614 R2027	D202 /
1994 PVPA			×		* *			× ≯	* *		
TITLE V (GEN.)	¥ (2)	Y (2)		¥ (2)			Y (2)	(* * * * * * * * * * * * * * * * * * *	¥ (*)	(5) K (5)	
T.	Novartis Seeds, Inc. Minnesota Agricultural Experiment Station and	USDA-ARS Cornell University Agricultural Experiment		griseeds & Gage L Seeds,	Novartis Seeds, Inc. Pioneer Hi-Bred International, Inc.	Plant Genetics, Inc. S&W Seed Company Lathrop & Gage L.C. Clark Seeds, Inc.	nt Genetics artis Seeds nt Genetics nigan State	W-L Research, Inc. W-L Research, Inc. W-L Research, Inc. W-L Research, Inc.		W-L Research, Inc. Nebraska Agricultural Experiment Station and USDA-ARS Plant Genetics, Inc.	
KIND VARIETY	ALFALFA MultiKing 1 Nitro	Oneida VR	PRO-CUT Runner II Rushmore	Salute Sapphire Spredor 2	Spredor 3 Superba	Sutter SW 14 Thunder Treasure	0 7 7 0	225 252 317 320 322	WL 326 GZ WL 457 WL 516 WL 525 HQ	WL 605 Wrangler York	ALKALIGRASS, WEEPING

(*) No limit to the number of generations of certified seed beyond breeders seed.

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
BARLEY B2601	Busch Agricultural	Υ (3)		BARLEY Excel		Y (3)	
B2912	Resources, inc. Busch Agricultural	Y (3)		Falcon	Experiment Station Alberta Agriculture Research Institute	Υ (3)	₩
B3213	Busch Agricultural		₩	Fiesta	Western Plant Breeders,	ζ (*)	
B4311	Busch Agricultural		≯ 1	Foster		Y (3)	>
B7098	Resources, Inc. Busch Agricultural		×	Galena	Coors		
Baronesse	Resources, Inc. Peterson Seed Company,		×	Idagold	Adolph Coors Brewing Company	Y (2)	
	Inc.			Lindy	Advanta USA, Inc.	Y (3)	;
Bellona Birka	Cebeco Zaden B.V. W. Weibull AB	(3) K K		Logan Max	NDSU Research Foundation World Wide Wheat L.L.C.	¥. (3)	≻
Bounty	P. Thomas Wymore	Y (2)		Merlin	Western Plant Breeders,		>-
Bridger-82	Advanta USA, Inc.	Υ (3)			Inc.		
Brigham	Utah State University	Y (3)	₩	-	Utah State University	Y (3)	> +
Bumper -	Busch Agricultural	¥ (3)		Moravian 14	Adolph Coors Brewing		> +
	Resources, Inc.		:				
Callao	Virginia Agricultural	¥ (3)	⊶	Mucho	Arizona Flant Breeders,	¥ (3)	
Come region	Sharpes International	٧ (٤)		Nebilla Britania	Mostern Plant Breeders		>
	Seeds Limited			Nomini	Virginia Agricultural	Y (3)	4
Camelot	MMG Agriseed	Y (3)			Experiment Station		
Century	Utah State University	Y (3)	₩	Onda	Tainio Technology and	Y (3)	
Chilton	Wisconsin Agricultural	Υ (2)			Technique, Inc.		
۲ ۲ ۲ ۲	Experiment Station	V (3)	>	Pamunkey	Virginia Agricultural	ξ (3)	
	Experiment Station		4	Pennbar 66		Y (2)	
Chopper	Wisconsin Agricultural	Y (2)			Experiment Station		
	Experiment Station			Pennco	a Agricu	Y (3)	
Citation Columbia	Plant Breeders 1, Inc. Western Plant Breeders.	(*) }			Experiment Station and USDA-ARS		
	Inc.			Piston	D.J. van der Have B.V.	Y (3)	
Corniche	Sharpes International	Y (3)		Poco	Germain's Seeds, Inc.	Y (3)	
	Seeds Limited			Premier	Busch Agricultural	Y (3)	
Duel	Busch Agricultural	Υ (3)					;
Efron	Resources, Inc. Cebeco Zaden B.V.	¥ (3)		PROWASHONUPANA	Research and Development Institute, Inc:	₹ (3)	≻ ₁

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA			≯		> -	•												≯		×							≯							≯			≯
TITLE V (GEN.)	¥ (*)									Y (2)				Y (2)				Y (2)	Y (3)					Y (2)			Y (2)						Y (2)		Y (1)		
APPLICANT	Western Plant Breeders,	Inc.	GHG Saaten	Ball Horticultural	Company Purdue Research	Foundation		Novartis Seeds, Inc.	Novartis Seeds, Inc.	Agri Sales, Inc. and	c, Inc.	National Seed Development	Organization Ltd.	Michigan State University		Seminis Vegetable Seeds,	Inc.	Idaho Seed Bean Company	Colorado State University	Idaho Seed Bean Company	Novartis Seeds, Inc.	Seminis Vegetable Seeds,	Inc.	Michigan State University	Novartis Seeds, Inc.	Colorado State University	University of Idaho-James	R. Myers University of	Florida-Brian T. Scully	Cornell University-Donald	E. Halseth	Michigan State University		Novartis Seeds, Inc.	~~	Experiment Station	Novartis Seeds, Inc.
KIND VARIETY	BARLEY Winchester	BASIL		Purple Ruffles	Sweet Dani		BEAN, FIELD	Agassiz	Agate	Agri-I		Albion		Alpine	Amber	Anchor		Apache	Arapaho	Aspen		Avanti		Aztec	Beryl	Bill Z	Black Knight					Blackhawk	Blackjack	Buckskin	C-20		Cajun
1994 PVPA											≯		≯																								
TITLE V (GEN.)	Υ (3)	Y (3)		Y (3)	Y (3)		Y (3)	Y (3)	Y (3)		Y (3)		Y (3)		Y (3)			Y (3)			Y (3)			(*) Y		Y (*)		Y (*)		Y (*)		X (*)		¥ (*)			
APPLICANT	Minnesota Agricultural		Experiment Station	Minnesota Agricultural Experiment Station	Plant Breeders 1, Inc.	Svalof AB	Plant Breeders 1, Inc.	D.J. van der Have B.V.	Minnesota Agricultural	Experiment Station		Experiment Station	Utah State University		Sunderman Breeding Inc.	Texas Agricultural	Experiment Station		Sharpes International	Seed Ltd.	Svalof AB		Experiment Station	Western Plant Breeders,	Inc.	Western Plant Breeders,		Western Plant Breeders,		Western Plant Breeders,		Western Plant Breeders,		Western Plant Breeders,		Western Plant Breeders,	Inc.
KIND VARIETY	BARLEY Robust	Rollo		hoyaı	Selway	Semira	Seven	Spirit	Stander		Starling		Statehood			Tambar 500		Teton	Triumph		Virtue	Walker		WestBred 501		WestBred Barcott		WestBred Gustoe		WestBred Medallion		WestBred Sprinter		WestBred Waxbar		Westford	

(*) No limit to the number of generations of certified seed beyond breeders seed.

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KIND VARIETY	TI TI APPLICANT (TITLE V 1994 (GEN.) PVPA	KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.) PVPA
BEAN, FIELD Wesland Winchester BEAN, GARDEN Acclaim	inis Vege artis See inis Vege	≯₁	BEAN, GARDEN Bush Romano 635 Buttergreen Caesar Calgreen Castel	Seeds, Vegetabl oran See Seeds,	
Accord	van Waveren Pflanzenzucht GmbH. Seminis Vegetable Seeds, Inc.		Celtic Cloudburst Crest	Novartis Seeds, Inc. Seminis Vegetable Seeds, Inc. Seminis Vegetable Seeds,	> +
Ambassador Amity Applause	Novartis Seeds, Inc. van Waveren Pflanzenzucht GmbH. Seminis Vegetable Seeds, Inc.	> 1	Cyclone Derby DMC 04-01	Inc. Seminis Vegetable Seeds, Inc. Harris Moran Seed Company Del Monte Corporation	¥
Atlantic Axel	nis Vegetable orin, S.A.		04-0	Monte Monte Monte	> →
B169 BBL 110 BBL 156 Beeline Benchmark Benton Biscayne Blazer Blue Knight	Seminis Vegetable Seeds, Inc. Novartis Seeds, Inc. Harris Moran Seed Company Novartis Seeds, Inc. Novartis Seeds, Inc. Seminis Vegetable Seeds, Inc. Novartis Seeds, Inc. Harris Moran Seed Company	≻	DMC 04-19 DMC 04-28 DMC 04-33 DMC 04-34 DMC 04-60 DMC 04-61 DMC 04-61 DMC 04-94 DMC 06-23	Del Monte Corporation	> → > →
Blue Ridge Bluepak Bounty Brio Bronco Bush Kentucky Wonder	Harris Moran Seed Company Novartis Seeds, Inc. Harris Moran Seed Company Seminis Vegetable Seeds, Inc. Seminis Vegetable Seeds, Inc. Inc.		DMC 06-26 DMC 06-39 DMC 08-01 DMC 08-02 DMC 08-47 DMC 08-52 Duchess Early Sunray	Del Monte Corporation Novartis Seeds, Inc. Bakker Brothers of Idaho,	> +
125 Bush Romano 350	Novartis Seeds, Inc.		Endurance	Inc. Novartis Seeds, Inc.	≯

(*) No limit to the number of generations of certified seed beyond breeders seed.

KIND VARIETY	APPLICANT (GEN.)	1994 KI PVPA	ND VARIETY	APPLICANT	TITLE V 1994 (GEN.) PVPA	ਰਾ ਹੈ
BEAN, GARDEN Envy Espada Eureka	Harris Moran Seed Company Harris Moran Seed Company Seminis Vegetable Seeds,	BEAN Lo Ma	BEAN, GARDEN Lodi Magnum	Seminis Vegetable Seeds, Inc. Seminis Vegetable Seeds,		
Evergreen EZ Harvest EZ Pick Fesca		M M A	Masai Matador Mikado Milano	Novartis Seeds, Inc. Seminis Vegetable Seeds, Inc. Novartis Seeds, Inc. Harris Moran Seed Company	≯	
Flatbush Flaveol Flevoro	Harris Moran Seed Company Royal Sluis B.V. Seminis Vegetable Seeds, Inc.	A A A	Minidoka Minuette Mirada Miriad	Novartis Seeds, Inc. Harris Moran Seed Company Novartis Seeds, Inc. Harris Moran Seed Company	* *	
Gentry Gold Mine	Novartis Seeds, Inc. Seminis Vegetable Seeds, Inc.	W W	Modus Moncayo Mustang	Nunza B.V. Novartis Seeds, Inc. Seminis Vegetable Seeds,	>	
Goldkist Hialeah Homestyle Hystyle Igloo	Harris Moran Seed Company Seminis Vegetable Seeds, Inc. Harris Moran Seed Company Hague-Igloo Vegetable	X X X Z	Nelson Nerina Nicelo	Holland-Select Research B.V. Royal Sluis B.V. Seminis Vegetable Seeds, Inc.	×	
Impact Indy Gold Irina Jade	Seminis Vegetable Seeds, Inc. Novartis Seeds, Inc. van Waveren Pflanzenzucht GmbH. Novartis Seeds, Inc.	Y ON OP OP	Nomara Nugget Opus Ovation	Royal Sluis B.V. Harris Moran Seed Company Seminis Vegetable Seeds, Inc. Royal Sluis B.V. Harris Moran Seed Company	≯ 4	
Javelin Kentucky Blue Label Labrador	Harris Moran Seed Company Novartis Seeds, Inc. Vilmorin, S.A. Seminis Vegetable Seeds,	P. P.	Pix Podsquad	able	≯	
Latemar Laureat Legion	Seminis Vegetable Seeds, Inc. Seminis Vegetable Seeds, Inc. Seminis Vegetable Seeds, Inc.	R R O	Frimo Prosperity Quest Rapids Rushmore	Harris Moran Seed Company Harris Moran Seed Company Harris Moran Seed Company Harris Moran Seed Company Seminis Vegetable Seeds, Inc.	≯ ≯	

^(*) No limit to the number of generations of certified seed beyond breeders seed.

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TITLE V (GEN.)		Y (2) Y (2) Y (2)	Y (1)
APPLICANT	Novartis Seeds, Inc. Novartis Seeds, Inc. Seminis Vegetable Seeds,	L. D. Maffei Seed Company, Inc. Harris Moran Seed Company King Grain, Inc. Hokkaido National Agricultural Experiment Station Grasslands Division / New Zealand DSIR Seed Research of Oregon, Inc. University of Manitoba Texas Agricultural Experiment Station International Seeds, Inc. Texas Agricultural Experiment Station International Seeds, Inc. Texas Agricultural	darketing, Inc. est Inc. la Agricultural Station l and Grain, of Rhode of Rhode d Company
4 KIND A VARIETY	BEAN, GARDEN Wax 216 Wax Romano 82264 Wrangler	BEAN, LIMA Maffei 57 Packers BEAN, MUNG Mungking I BEET, SUGAR NK-152 K BENTGRASS, COLONIAL Grasslands Egmont SR 7100 BENTGRASS, CREEPING 18th Green Cato Cato Cobra Crenshaw	Lopez National Pennlinks ProCup Providence Putter Regent
7 1994) PVPA			≯ ≯
TITLE V (GEN.)		. X (3)	
APPLICANT	Harris Moran Seed Company Harris Moran Seed Company Seminis Vegetable Seeds,	Harris Moran Seed Company Harris Moran Seed Company Novartis Seeds, Inc. Vilmorin, S.A. Seminis Vegetable Seeds, Inc. Seminis Vegetable Seeds, Inc. Harris Moran Seed Company Seminis Vegetable Seeds, Inc. Novartis Seeds, Inc. Harris Moran Seed Company Novartis Seeds, Inc. Mitsui Toatsu Chemicals, Inc. Mitsui Toatsu Chemicals, Inc. Wilbur-Ellis Company Seminis Vegetable Seeds, Inc.	Harris Moran Seed Company Novartis Seeds, Inc. Seminis Vegetable Seeds, Inc. Harris Moran Seed Company Harris Moran Seed Company Novartis Seeds, Inc. Vilmorin, S.A. Seminis Vegetable Seeds, Inc.
KIND VARIETY	BEAN, GARDEN Satin Savor Sentry	Shore Slenderella Slenderwax Slimgym Soleil Sprout Stallion Stiletto Storm Sundial Sunrae Sunting F Tanta Tema	Tempest Teseo Tess Toga Tornado Trueblue Venture Vilbel

^(*) No limit to the number of generations of certified seed beyond breeders seed.

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V 1 (GEN.) P	1994 PVPA
CREEPING .E	AgriBioTech, Inc. Seed Research of Oregon, Inc.			BLUEGRASS, KENTUCKY Alpine Amazon Ampellia	Pickseed West Inc. Svalof AB Cebeco Zaden B.V.	Y (3)	
RED TOP	Baker Seed Company	Y (2)	×	Apex Aspen	W. Weibull AB NK Lawn and Garden		
VELVET	Seed Research of Oregon,		×	Asset	Company D.J. van der Have B.V. Barenbrug Holland B.V	(3)	
				Bartitia	1		
	J.R. Simplot Company		>+ >	Blacksburg Blue Star	Pure-Seed Testing, Inc.		
	Oklahoma Agricultural	Y (2)	4	Bronco			
1	Experiment Station and			Challenger	Pure-Seed Testing, Inc.		
	Max W. Lancaster			Cocktail			
	New Mexico Crop	Y (3)		Cynthia	Advanta BV		
	Improvement Association			Dawn	Jacklin Seed Company		
	Seeds West, Inc.			Destiny	Jacklin Seed Company		
	Seeds West, Inc.			EVA	Svalof Weibull AB	¥ (*)	> -
	J.R. Simplot Company		≯	Freedom	Jacklin Seed Company		
(F1)				Gemar	Idaho Agricultural	Y (2)	
	Seeds West, Inc.		≯₁		Experiment Station		
ANNUAL				Georgetown	AgriBioTech, Inc.		
	Regents of the University of Minnesota		₩	Ginger	Idaho Agricultural Experiment Station	Y (2)	
	Regents of the University		₩	Greenley	Idaho Agricultural	Y (2)	
	of Minnesota				Experiment Station		
	Regents of the University		×	Huntsville	Jacklin Seed Company		
	of Minnesota			Ikone	L. C. Nungesser K.G.,		
	Regents of the University		≯		West Germany		
	of Minnesota			Indigo	Pickseed West Inc.		
	Regents of the University		≯	Julia	Van Engelen Zaden B.V.		
	of Minnesota			Liberty	Jacklin Seed Company		
KENTUCKY				Limousine	Deutsche Saatveredelung	Y (2)	
	Pure-Seed Testing, Inc.				Lippstadt - Bremen GmbH		
				Livingston	Pure-Seed Testing, Inc.		
	Pure-Seed Testing, Inc.			Lofts 1757	AgriBioTech, Inc.	Y (3)	
	Idaho Agricultural	Y (2)		Midnight	Pure-Seed Testing, Inc.		
	Experiment Station			Minstrel	D.J. van der Have B.V.		

^(*) No limit to the number of generations of certified seed beyond breeders seed.

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V 1 (GEN.) E	1994 PVPA
BLUEGRASS, KENTUCKY Nassau	ech,			BROCCOLI R&D-HTF1	R & D AG, INC.		>ı
	Jacklin Seed Company			BROCCOLI (F1)			
NuBlue	Jacklin Seed Company			Decathlon	Sakata Seed Corporation		>
NuStar	J.R. Simplot Company			Monterev	Seed		٠ >
Opal	W. Weibull AB	Y (3)		Nomad	Seed		· >
Opti-Green	Pure-Seed Testing, Inc.		>	Triathlon	Seed		٠,>
Platini	DLF-TRIFOLIUM A/S - Dansk	k Y (3)	≯	BROCCOLI RAAB			
	Plantefordling			D'Arrigo 130	D'Arrigo Brothers Company		×
Preakness	KRB Seed Company, LLC		×		of California		
Ronde	Idaho Agricultural	Y (2)		D'Arrigo 63	D'Arrigo Brothers Company		×
	Experiment Station				of California		
m	LESCO Inc.		×	D'Arrigo No. 502	D'Arrigo Brothers Company		
SR 2000	Seed Research of Oregon,						
	Inc.			D'Arrigo No. 905	D'Arrigo Brothers Company		
SR 2100	Seed Research of Oregon,		×				
				BROME, SHORT			
Suffolk	ech,			Vineyard and Orchard	Craig Carlton Dremann &		> 4
				(V&O) - Type One	Susan Jo Dremann dba		
Trenton	NK Lawn and Garden				Redwood City Seed Company		
				BROMEGRASS, SMOOTH			
Unique					Agrecol Corporation		
Washington				BROMEGRASS, THREADY			
				Grasslands Gala	AgResearch Limited		×
	International Seed			BUCKWHEAT			
	Company			Winsor Royal	Winsor Grain, Inc.		
BLUEGRASS, ROUGH				BUFFALOGRASS			
Colt	Pure-Seed Testing, Inc.			Bison	Oklahoma Agricultural	Y (2)	
Darkhorse	Pickseed West Inc.		×		Experiment Station and		
Laser	AgriBioTech, Inc.						
Polder	Mommersteeg International			Topgun	Bamert Seed Company		
	B.V.			Turfmaster	Bamert Seed Company		
Stardust	Turf Merchants, Inc.		≯	UCHL-1		Υ (3)	
Winterplay BLUEGRASS, SUPINA	Pure-Seed Testing, Inc.		≯	CARROT	0		
Supranova BLUESTEM, BIG	Saatzucht Steinach GmbH.			Texas Gold Spike	Texas Agricultural Experiment Station		
Niagara	Research Corporation	Y (2)		CAULIFLOWER	4		
	Technologies, Inc. and USDA-ARS			Alverda	Sunglow and Rijk Zwaan Zaadteelt en Zaadhandel		
					B.V.		

^(*) No limit to the number of generations of certified seed beyond breeders seed.

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TITLE V (GEN.)		¥ (*)	Y (3)	Y (*) Y (3)	
APPLICANT	Royal Sluis, Koninklijke Zaaizaadbedrijven Gebroeders Sluis, B.V. Seaview Growers, Inc. Tanimura & Antle, Inc. Tanimura & Antle, Inc. Tanimura & Antle, Inc. Tanimura and Antle, Inc. Harris Moran Seed Company	Helm Bean & Seed, a subsidiary of ConAgra Conagra Inc.	Conagra Inc. AgResearch Limited Dr. E. Sahin Mississippi Agricultural	and Forestry Experiment Station and USDA-ARS Wrightson Seeds Limited Alabama Agricultural Experiment Station Florida Agricultural Experiment Station	Agricultural Experiment Station University of Florida Lathrop & Gage L.C. International Seeds, Inc. Dairyland Seed Company, Inc.
KIND VARIETY	CELERY Rocket SV 1 T & A Pride T & EXP 108 T & EXP 340 T & Special 109A T & Special Celery -1 Ventura	CHICKPEA HB-14 Stan	Stan CHICORY Grasslands Puna CHRYSANTHEMUM Santana CLOVER, BERSEEM Bigbee	(6) (7)	CLOVER, RED Cherokee Redland II Renegade Scarlett CLOVER, WHITE
1994 PVPA					≯
TITLE V (GEN.)	¥ (*)				Y (3)
APPLICANT	Royal Sluis B.V. Rijk Zwaan Zaadteelt en Zaadhandel B.V. Novartis Seeds, Inc. Harris Moran Seed Company Sunglow and Rijk Zwaan Zaadteelt en Zaadhandel B.V. Royal Sluis B.V. Tanimura and Antle, Inc. Sunglow and Rijk Zwaan	Zaadteelt en Zaadhandel B.V. Rijk Zwaan Zaadteelt en Zaadhandel B.V.	0 10	Rijk Zwaan Zaadteelt en Zaadhandel B.V. Sluis and Groot Research Sluis and Groot Research Sluis and Groot Research Harris Moran Seed Company Harris Moran Seed Company A. Duda & Sons, Inc.	Harris Moran Seed Company A. Duda & Sons, Inc. Bud Antle, Inc. Pybas Vegetable Seed Company, Inc. Bud Antle, Inc. Seminis Vegetable Seeds, Inc. The Regents of the University of California
KIND VARIETY	CAULIFLOWER Andes Aspen Blizzard Blue Diamond Campoverde Cervina K-TEE	Ostrea	Senator SG 111 Silver Stream Snowcone	Triton White Fox White Rock White Satin CELERY Bishop Deacon Gene's Gem 11-7	Hill's Special James Abe Matador Napolean Peto 285

^(*) No limit to the number of generations of certified seed beyond breeders seed.

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VARIETY	APPLICANT	TITLE V (GEN.)	L994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)
Aran	Germinal Holdings Ltd.,			CORN, FIELD		
Legendary Good Luck	U.K. Agricultural Experiment Station, University of		> +	31BZ2 311H6 31J11	DEKALB Plant Genetics DEKALB Plant Genetics DEKALB Plant Genetics	
Mineooha	Fiorida Tohoku National Agricultural Experiment Station, Ministry of Agriculture, Forestry and	Y (1)	>-	46/6A 4N506 5707 6103	Dekalb-Filzer Genetics Funk Seeds International, Inc. Asgrow Seed Company	
Will	la Research	¥ (3)		6F545 6F629	Genet ation Plant	
COREOPSIS, PERENNIAL Early Sunrise	Service and USDA-ARS Ball Horticultural			6M502 6M502A 740	DeKalb-Pfizer Genetics DEKALB Plant Genetics Novartis Seeds, Inc.	
CORN, FIELD	Company			764 778	Novartis Seeds, Inc. Novartis Seeds, Inc.	
01CSI2	DEKALB Genetics Corporation		₩	779 78002A	Novartis Seeds, Inc. DeKalb-Pfizer Genetics	
01DFA3	DEKALB Genetics Corporation		> 4	78004 78010	DeKalb-Pfizer Genetics DeKalb-Pfizer Genetics	
01DIB2	DEKALB Genetics Corporation		>+	78371A 78551S	U	
01IBH10	DEKALB Genetics Corporation		>-	787	is Seeds, Inc.	
01IZB2	DEKALB Genetics Corporation		>	703	Seeds,	
11430				0	Seeds,	
1538 207	United AgriSeeds, Inc. Pioneer Hi-Bred			83IBI3 84BRO4	DEKALB Plant Genetics DEKALB Genetics	
	International, Inc.				Corporation	
7369 29MTB22	Cargill, Inc. DEKALB Plant Conctice			84QAB1	DEKALB Genetics	
2FACC	Plant			85CS01	Corporation DEKALB Genetics	
2FADB 2FADBSR	DEKALB Plant Genetics DEKALB Genetics		×	87916W	Corporation DeKalb-Pfizer Genetics	
2MA22	Corporation DeKalb-Pfizer Genetics			899 8F196	Novartis Seeds, Inc. DEKALB Genetics	
2MCDB			;		Corporation	
SAGAI	DEKALB Genetics Corporation		≻	8M116	DEKALB Genetics	
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^(*) No limit to the number of generations of certified seed beyond breeders seed.

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TITLE V (GEN.)		
APPLICANT		DEKALB Genetics Corporation Dekalb-Pfizer Genetics Dekalb-Pfizer Genetics ZENECA Ltd. Zenco (No. 4) Limited Zenco (No. 4) Limited ZENECA Ltd. Zenco (No. 4) Limited Zenco (No. 4) Limited Zenco (No. 4) Limited Zenco (No. 4) Limited
KIND VARIETY	CORN, FIELD F42 FAPW FBHJ FBLASR FBLL FBLL FBLLSR FBLLSR FBLL FBLLSR G35 G35 G35 G39 G80 H8431 H8431 H88229 HBA1 IBB15 IBB15	IBH9 IBO14 IBO2 ICI 193 ICI 441 ICI 740 ICI 893 ICI 986 ICI 581
ITLE V 1994 (GEN.) PVPA	东京 东京东京 京	≯ ≯
TITLE (GEN	H H H H H H H H H H H H H H H H H H H	Inc. Inc. Sons, nc. tics
APPLICANT	Plant Genet s Seeds, In s Seeds, In s Seeds, In s Seeds, In Genetics tion Genetics tion Plant Genet s Seeds, In c Seeds, In s Seeds, In s Seeds, In c Seeds, In co Hi-Bred tional, Inc Hi-Bred tional, Inc AgriSeeds, co AgriSeeds, binson Seed	Company United AgriSeeds, Inc United AgriSeeds, Inc Edward J. Funk & Sons Inc. Novartis Seeds, Inc. DEKALB Plant Genetics Corporation DEKALB Genetics Corporation Corporation
KIND VARIETY	CORN, FIELD 8M129 901 904 907 911 912 918MA2 918MA2 918MA2 918FC2 948 982 948 982 948 982 948 CQ702 CC014 CQ702rc CQ702rc CQ715 CQ715 CQ715 CCR14	CS405 CS608 DJ7 E8501 F118 F274

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^(*) No limit to the number of generations of certified seed beyond breeders seed.

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(*) No limit to the number of generations of certified seed beyond breeders seed.

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(*) No limit to the number of generations of certified seed beyond breeders seed.

Y LH65 Seeds, Inc. 1474 Holden's Foundation Seeds, Inc. 1482 Seeds, Inc. 1485 Seeds, Inc. 1485 Seeds, Inc. 1485 Seeds, Inc. 1485 Holden's Foundation Seeds, Inc. 1493 Seeds, Inc. 1494 Seeds, Inc. 1495 Seeds, Inc. 1495 Seeds, Inc. 1497 Seeds, Inc. 1498 Seeds, In	APPLICANT
Holde Seeds Seeds Seeds Seeds Holde Seeds Holde Seeds DEKA DEKA DEKA DEKA DEKA DEKA DEKA DEKA	Foundation
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Holde Seeds Seeds Seeds Wilso Claes Dekal Noite Novar Novar	Holden's Foundation Seeds, Inc.
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DEKAJ Wilso Claey DEKAJ DEKAJ DEKAJ DEKAJ DEKAJ DEKAJ UDITE UDITE UDITE NDSU NOVAR NOVAR	Holden's Foundation Seeds, Inc.
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(*) No limit to the number of generations of certified seed beyond breeders seed.

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TITLE V (GEN.)																																	•					
APPLICANT	て	Inceinacionai, inc. Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.	77	International, Inc.	International, Inc.	-	International, Inc.	Pioneer Hi-Bred	International, Inc.	~~~	International, Inc.	Pioneer Hi-Bred	International, Inc.		International, Inc.	.()	International, Inc.		International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.	()	International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.
KIND VARIETY	CORN, FIELD PH09B	PH09E		PHOAA		PHOAV	DHOR4		РНООН		PHOHR		PH12J		PH17C		PH185		PH18E		PH1GG		PH20A		PH22G		PH24E		PH25A		PH32C		PH37C		PH38B		PH40B	
TITLE V 1994 (GEN.) PVPA	> 4 >	→	×			;	> 1	7	¥		×	¥				≯		*		7		≯ 1		₩.		∀				→		₩		7		≯ 1		
APPLICANT	Novartis Seeds, Inc.	Seeds,		United AgriSeeds, Inc.	DowElanco	DowElanco	DowElanco United ArriSeeds Inc	AdriSeeds,	AgriSeeds,	United AgriSeeds, Inc.	DowElanco	United AgriSeeds, Inc.		United AgriSeeds, Inc.		Pioneer Hi-Bred	International, Inc.			σ	International, Inc.	.0	1 1	\circ	International, Inc.	·O	International, Inc	O		0	International, Inc.	ひ	International, Inc.	Pioneer Hi-Bred	International, Inc.	$\boldsymbol{\sigma}$	International, Inc.	
KIND VARIETY	CORN, FIELD NP2066	NP2151	NQ402	NQ508	NS501		NS815	00201	00301	00403	00414	00601	00603	08602	PB80	PH02T		PH03D		PH04G		PHOSE		PH05G		PH05W		PH0 6N		PH07D		PH080		PH08A		PH08B		

^(*) No limit to the number of generations of certified seed beyond breeders seed.

TITLE V 1994 (GEN.) PVPA				>	-i ;	ч (ж	Y	>	4				>	-4	≯ 4	٠	>-			•	⊶									> 4	
APPLICANT	U	International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc.	International, Inc.	International, Inc.	Floneer Al-Bred International, Inc.	m	International, Inc. Pioneer Hi-Bred	International, Inc.		International, Inc.	Fioneer Al-Bred Intoxmational Inc	Dioneer Hi-Bred	International, Inc.		International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.	Corporation	Dioneer Hi-Bred	International, Inc.		International, Inc.		International, Inc.	$^{\circ}$	International, Inc.	0	International, Inc.
KIND VARIETY	CORN, FIELD PHAW6	PHBA6	PHBB3	り出出記つ			4500A	PHBR2	PHBV8		PHBW8	gadha	FILLIO	PHDG1	1	PHDN7		PHDPO		PHEG9	DUTTACD	NO FIGURE	PHEM7		PHEM9		PHEW7		PHFA5		PHFW4	
, 1994 PVPA	≯	≯	×	> -	>	• \$	н	×	>-	1	>	>	-1	>	•	>		⊁		₩			×		≯		X		≯		≻	
TITLE V (GEN.)																																
APPLICANT	て	σ	International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc.		International, Inc.	$\boldsymbol{\tau}$	International, Inc. Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.	International, Inc.	.,,,	International, Inc.		International, Inc.	4 1	International, Inc.	Pioneer Hi-Bred	Fire Inder Hi-Bred	International, Inc.		International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	ப		International, Inc.	σ	International, inc.
KIND VARIETY	CORN, FIELD PH41E	PH42B	PH44A	PH44G	PH47A	2 4 4 d		PH55C	PH56C		PH63A	PH63B		PH67A		PH77C	1	PH79A		РИВОВ	PHAAO		PHAG6		PHAJO		PHAP1		PHAP8		PHAFS	

^(*) No limit to the number of generations of certified seed beyond breeders seed.

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TITLE V (GEN.)																								
APPLICANT	U	.0		International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc.	International, Inc.	Pioneer Hi-Bred International, Inc.		International, Inc.	roneer nr-bred International, Inc.	Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc.		International, Inc. Pioneer Hi-Bred	International, Inc.
TITLE V 1994 KIND (GEN.) PVPA VARIETY	CORN, FIELD PHJ70	PHJ75	PHJ89	PHJ90	PHJJ3	PHJR5	. PHK05	Y PHK29	PHK35	PHK42	PHK46	PHK56	V C X H C	£ /\\\ 7	PHK76	PHK93	yaana	FINE	PHKM5	PHKVO		PHKV1	PHKW3	
APPLICANT	σ	つ	σ		International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	International, Inc.	International, Inc.	Pioneer Hi-Bred International, Inc.		International, Inc.	International, Inc.	\sim	International, Inc. Pioneer Hi-Bred	International, Inc.	·()	International, inc. Pioneer Hi-Bred	International, Inc.
KIND VARIETY	CORN, FIELD PHG29	PHG47	PHG71	PHG72	PHG83	PHG84	PHG86	PHGF5	PHGG7	PHGV6	PHGW7	РНН93	Инна	F 071111 1	РННВЭ	РННН9	PARTIC	F 1111 V 4	PHJ31	PHJ33		PHJ40	PHJ65	

(*) No limit to the number of generations of certified seed beyond breeders seed.

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GEN.) PVPA

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APPLICANT	Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred International, Inc.		International, Inc. Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred International Inc	Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred	International, inc. Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred	Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	Floneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc.
TITLE V 1994 KIND (GEN.) PVPA VARIETY	CORN, FIELD PHP38	PHP55 PHP60	PHP76	ОМАНА	РНРР8	PHPR5 PHR03	PHR25	PHR30	PHR31 PHR32	PHR36	PHR55		Y PHR61	PHR63
APPLICANT	Pioneer Hi-Bred International, Inc.	() ()	International, Inc. Pioneer Hi-Bred International, Inc.	International, Inc. Pioneer Hi-Bred	Pioneer Hi-Bred International, Inc.		International, Inc. Pioneer Hi-Bred International, Inc.	Pioneer Hi-Bred International, Inc.	Floneer hi-Bred International, Inc. Pioneer Hi-Bred International Inc		International, Inc. Pioneer Hi-Bred International, Inc.		Floneer Hi-Bred International, Inc. Pioneer Hi-Bred	International, Inc. Pioneer Hi-Bred International, Inc.
KIND VARIETY	CORN, FIELD PHM10	PHM49 PHM57	PHM81	PHN11	PHN18	PHN34	PHN37	PHN41	PHN47	PHN66 PHN73	PHN82	PHNB7	TONHA TONHA	PHP02

^(*) No limit to the number of generations of certified seed beyond breeders seed.

TITLE V (GEN.)																																			
APPLICAÑT	τ	σ	International, Inc. Pioneer Hi-Bred	International, Inc.	Floneer ni-bred International, Inc.		International, Inc.	International. Inc.		International, Inc.		International, Inc.		International, Inc.	Pioneer Hi-Bred	International, Inc.	~	International, Inc.		International, Inc.	Pioneer Hi-Bred	International, Inc.	Intornational Inc		International, Inc.	- ()	International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.
TITLE V 1994 KIND (GEN.) PVPA VARIETY	CORN, FIELD PHV53	PHV57	Y PHV63	071110	F11V / O	PHVA9	C 011110	F11 V D Z	PHVJ4		PHVJ5		PHW03		PHW06		PHW17		PHW20		PHW30	CENTRA	CFMUZ	Y PHW51		PHW52		Y PHW53		Y PHW61		PHW65		PHW79	
APPLICANT	τ	σ	international, inc. Pioneer Hi-Bred	International, Inc.	International, Inc.	Pioneer Hi-Bred	International, Inc.	International, Inc.	()	International, Inc.		International, Inc.	()	International, Inc.	()	International, Inc.		International, Inc.	·()	International, Inc.	()	international, inc.	International Inc		International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.		International, Inc.		International, Inc.
KIND VARIETY	CORN, FIELD PHRD6	PHRE1	PHRF5	C E	FRITO	PHT11	00 HHQ	F111.2.2	PHT47		PHT55	C E	PHT60		PHT69		PHT73		PHT77		PHTD5	7 3 3 4 4	FILLS	PHTE7		PHTM9		PHTP9		PHTV7		. PHV07		PHV37	

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(*) No limit to the number of generations of certified seed beyond breeders seed.

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KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.) PVPA	KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.) PVPA
CORN, FIELD PHW80	て		CORN, FIELD WIL500	Hybrids,	
PHW86	σ		WIL900 WIL901	Hybrids, Hybrids,	
PHWG5	σ		WIL903 WKBC5	Wilson Hybrids, Inc. DEKALB Genetics	*
PHWT1		>	WQCD10	Corporation DEKALB Genetics	₩
PHZ51	σ		\vdash	Corporation Advanta USA, Inc.	×
0381	International, Inc. Ouality Research		ZS01131 ZS0114	Advanta USA, Inc.	≯ + >
	Associates		50122	USA, Inc.	• >-
KQAA8	DEKALB Genetics Corporation	> +	ZS01459 ZS0510	Advanta USA, Inc.	>+ >
RS710	Rustica Semences		ZS0541	(No. 4)	+ > +
S8324			S056	(No. 4)	ı > +
\$8326	Novartis Seeds, Inc.		S1	(No. 4)	>-
SNBM	DEKALB Genetics	₩	S12	(No. 4)	> →
,	poration		s128	(No. 4)	> -1
SX-4-16-2 SX-4-2	The Standard Oil Company		ZS1513	(No. 4)	> + ∶
SX-4-21	Standard		2107	Zenco (No. 4) Limited	>+ >
SX-4-32-1	Standard Oil		179	(No. 4)	⊢ >⊢
	The Standard Oil Company		536	(No. 4)	1
SX-4-4	_		2S635	_	
-1	Standard Oil		CORN, POPCORN		
-5-11	Standard Oil		583-2	B. Keith Heuermann	
-5-13	Standard Oil		Black Jewell 85	Black Jewell Popcorn,	Υ (3)
-5-	Standard Oil			Inc.	
-5-6	Standard Oil		Laser	Larry and Lucyle Eckler	
-5-9	Standard Oil		CORN, SWEET		
-6-1	The Standard Oil Company		AC 33892	Abbott & Cobb, Inc.	> +
1	Standard Oil		CORN, SWEET (F1)		
SX-6-3	Standard Oil		#781 Ultra	Abbott & Cobb, Inc.	> +
SX-6-7	dard Oil		COTTON	•	
W8304	s Seeds, I		7563	Delta and Pine Land	
W8555	•~			Company	
WDAD1	DEKALB Genetics	7	Acala BR-110		Y (3)
	Corporation		Acala BR-115	Ronald D. Thorp	Y (3)

(*) No limit to the number of generations of certified seed beyond breeders seed.

ITLE V 1994 (GEN.) PVPA	(3)			(3)				>									*								>	н		(3)
TITLE (GEN	₩			()																								∀ ()
APPLICANT	Delta and Pine Land	Company Delta and Pine Land Company	Delta and Pine Land	Company Mississippi Agricultural and Forestry Experiment	Station and USDA-ARS	Company	Delta and Pine Land	Company Delta and Pine Land		Delta and Pine Land		Company	Delta and Pine Land	Delta and Pine Land	company Delta and Pine Land	Λι	Delta and Pine Land	Company Dolts and Ding Land	ב דווע	ed Farms,	Seed Farms,	Seed Farms,	Seed Farms,	Seed Farms,	Sood Sounds Inc.	Seed Source, Inc. University of Georgia	Research Foundation, Inc.	C. Harvey Campbell, Jr.; David L. West; Kenneth L.
KIND VARIETY	COTTON Deltapine 69	Deltapine 77	Deltapine NSL	DES 119	007		DP 5415	DP 5432		DP 5461	, , , , , ,	PT 2014	DP 5681	DP 5690	DP 5816		DP 6100 ACALA	ND 6166 Acsls	0						Carrilla 120	Georgia King		Germain's Acala GC-352
1994 PVPA									×		×																	
									,		•									×								
> ~		Y (*)	Y (*)	Υ (*)			Y (3)		•		₹ (*)				1 (3)	Y (3)				×			¥ (3)					
	Stoneville Pedigreed Seed		₩		All-Tex Seed Inc.	Levelland Delinting, Inc.	ral Y	Experiment Station Bronco Seed Company	Seed Company	Л	Y (*)	Custom Ag Seivice Inc. Chanev Ranch Research		>	I Deec	le Pedigreed Seed Y		Stoneville Pedigreed Seed	SeedCo Corporation	y and Associates,	Inc.	eseis Fox	≯ ⊣	University of Missouri	Company	Company Delta and Pine Land		Delta and Pine Land Company

^(*) No limit to the number of generations of certified seed beyond breeders seed.

TITLE V 1994 (GEN.) PVPA	Y (3) Y (3)		* *	⊱	Y (*) Y Y (3)	Y (3) Y (3)		Y (2)
APPLICANT	J. H. Lambright Delta and Pine Land Company Delta and Pine Land	Company Delta and Pine Land Company Delta and Pine Land	Company Delta and Pine Land Company Delta and Pine Land	Olvey and Associates, Inc.	First Coyen Sally Vreseis Fox Delta and Pine Land Company	nd Pine Land nd Pine Land	olina ral Experiment nd USDA-ARS i Seed and Company, Inc.	Rogers LG Cottonseed Company Rogers LG Cottonseed Company Seed Source, Inc. Seed Source, Inc. B&M Cotton Company Oklahoma Agricultural
KIND VARIETY	COTTON Lambright 2020 Lankart 142 Lankart 175	Lankart 311 Lankart 511	Nucorn 33B	OR-304	Verde aster 1	Paymaster 892 Paymaster HS 26 Paymaster HS200		Rogers 7590 Rogers LG 86 S-35 S-55 San Simon Del Cerro Simwalt 82
. 1994 PVPA		×	×					
TITLE V (GEN.)	Y (*)	Y (3)	Y (3)					Y (1)
APPLICANT	Puryear; H. P. Anderson, III Germain's Cotton Seeds, Inc. Germain's Cotton Seeds,	Inc. Germain's Cotton Seeds, Inc. Germain's Seeds, Inc.	Germain's Cotton Seeds, Inc. Germain's Seeds, Inc. G&P Seed Company, Inc.	Seed Company, Seed Company, 1v Vreseis Fox	Agrigenetics Corporation, Division of The Lubrizol Corporation	The Lubrizol Corporation The Lubrizol Corporation The Lubrizol Corporation The Lubrizol Corporation The Lubrizol Corporation	Source, reformer S reformer S rna Chemic HyPerform	S.L. Stoneville Pedigreed Seed Company, Inc. Stoneville Pedigreed Seed Company, Inc. V. T. Walhood and Westlake Farms, Inc. Louisiana Agricultural
	Acala Acala	Acala Acala	Acala GC-210				10	Acala M5

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA		×		> 1	>	≯
TITLE V (GEN.)	¥ (3)	₹ (2)	Υ (3)	Y (1) Y (3) Y (3)		Y (2) Y (3)
APPLICANT	SeedCo Corporation University of Georgia Research Foundation, Inc.	Novartis Seeds, Inc. The Regents of the University of California Great Plains Research Company, Inc. South Carolina Agricultural Experiment	Station C. T. Smith Company Auburn University Agricultural Experiment	Jeffrey D. Ehlers Mississippi Agricultural and Forestry Experiment Station Mississippi Agricultural and Forestry Experiment Station Mississippi Agricultural and Forestry Experiment Station	m . 1) 0 a	Experiment Station Texas Agricultural Experiment Station M. J. Goode, J. L. Bowers and Arkansas Agricultural Experiment Station
KIND VARIETY	COTTON Terra SR-10 Tifcot 56 COWPEA	Big Boy Purplehull California Blackeye-No. 27 Carolina Sugar Clemson Purple	CT Pinkeye Purplehull Freezegreen	Kunde Zulu Mississippi Cream Mississippi Pinkeye Mississippi Shipper	Petite-N-Green Pinkeye Pink Pod Quickpick Pinkeye	Texas Pinkeye Purple Hull CUCUMBER Arkansas Little Leaf
1994 PVPA	>-	₩	≯ ≻	1		
						*
> ~			Υ (3)	(2) X (3)		×
	SeedCo Corporation SeedCo Corporation Stoneville Pedigreed Seed Company, Inc.			Seed, Inc. cch Company of Inc. cch Company of Inc. cch Company of Icultural Station Station Station Station	iment Station Agricultural Agricultural Agricultural International, Inc.	Terra International, Inc. Terra International, Inc. Delta and Pine Land Company Delta and Pine Land Company

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA			>	н							>
TITLE V (GEN.)	Υ (2)					Y (2)	Y (2)		Y (3) Y (3) Y (3)	Y (3)	
APPLICANT	W. Weibull AB	Pure-Seed Testing, Inc. Mommersteeg International	Advanta BV Pure-Seed Testing, Inc. Van Engelen Zaden B.V.	Я	Seed Research of Oregon, Inc.	Idaho Agricultural Experiment Station	Agricultur :iment Stati	Snow Brand Seed Company Ltd.	Barenbrug Holland B.V. Cebeco Zaden B.V. Cebeco Zaden B.V. Pure-Seed Testing, Inc.	W.W. Johnson and Son Ltd., U.K. James M. Stewart, Inc., ConservaSeed Mommersteeg International B.V.	Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Advanta BV
KIND VARIETY	FESCUE, CHEWINGS Wilma	O D	Crystal Discovery Eureka	Serra Spartan SR 3000	SR 3100 FESCUE, IDAHO	Joseph	Nezpurs FESCUE, MEADOW	First FESCUE, RED	Barcrown Cindy Claudia Flyer	Jupiter Molate Blue Moncorde	Seabreeze Shademaster Shademaster II Victor
7 1994 PVPA		****				> +			₩	₩ ₩	×
TITLE V (GEN.)											
TIT ()					>1		>1	Υ (3)			
TI: APPLICANT (0	W. Atlee Burpee Company	Sakata Seed Corporation Sakata Seed Corporation Sakata Seed Corporation	odger Y odger	and	er er	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	D'Arrigo Brothers Company of California	B.V. Y. B.V.	AgriBioTech, Inc. International Seeds, Inc. D.J. van der Have B.V. Saatzucht Steinach GmbH.	West reen & ade nal See rch of	Seed Research of Oregon, Inc. Pure-Seed Testing, Inc. Pickseed West Inc.

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA		>	** ** **	≯
TITLE V (GEN.)				¥ (3)
APPLICANT	Jonathan Green and Sons, Inc. and Cascade International Seed Company Pure-Seed Testing, Inc. Pickseed West Inc.	Forbes Seed and Grain, Inc. Pure-Seed Testing, Inc. AgribioTech, Inc. Pure-Seed Testing, Inc.	סמא מס	Institute Ltd. Smith Seed Services Hubbard Seed and Supply Pure-Seed Testing, Inc. University of Kentucky and USDA-ARS Smith Seed Services Pickseed West Inc. University of Missouri Pure-Seed Testing, Inc. Jacklin Seed Company International Seeds, Inc. Jonathan Green and Sons, Inc. and Cascade International Seed Company University of Missouri Pickseed Testing, Inc.
KIND VARIETY	FESCUE, TALL Duke Eldorado Emperor	Excalibur Finelawn 5GL Finelawn 88 Finelawn I	Gazelle Georgia 5 Grande Grasslands ADVANCE	Homestead Hubbard 87 Jaguar 3 Jaguar 11 Johnstone Kitty Hawk Lancer Maximize Monarin Mojave Monarch Monarch Montauk Mosark Mustang
1994 PVPA	×			
150		*		***
> ~		×		¥ (3) ¥ Y Y Y
	Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. J.R. Simplot Company Seed Research of Oregon, Inc.	Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Pure-Seed Testing, Inc.	Jacklin Seed Company Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. AgriBioTech, Inc. Alabama Agricultural Experiment Station, Auburn University Normarc, Inc.	$\widehat{\mathfrak{E}}$

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA	⇒ı	₩
TITLE V (GEN.)	¥ (3) ¥ (3)	X (2)
APPLICANT	All Star Farms Pure-Seed Testing, Inc. International Seeds, Inc. Pure-Seed Testing, Inc. Jacklin Seed Company D.J. van der Have B.V. North Carolina Agricultural Research Service Denholm Seeds Ernst Benary, West Germany Barenbrug Holland B.V. Alabama Agricultural Experiment Station Texas Agricultural Experiment Station G. E. Pogue Seed Company, Inc. Wilbur-Ellis Company Alabama Agricultural Experiment Station G. E. Pogue Seed Company, Inc.	Auburn University Curators of the University of Missouri Seminis Vegetable Seeds, Inc. Seminis Vegetable Seeds, Inc.
KIND VARIETY	FESCUE, TALL Veranda Virtue Willamette Winchester Wrangler Tandem Tandem Tandem Carostan GAZANIA Daybreak Orange Mini-Star Tangerine Mini-Star Tangerine HAIR-GRASS, CRESTED Barkoel HAIR-GRASS Au Oasis Verde LAURISAGRASS Cowboy LENTIL LOIita LOIita LESPEDEZA, CHINESE AU Donnelly	LESPEDEZA, STRIATE Marion LETTUCE 504 Green Ace
TITLE V 1994 (GEN.) PVPA		> →
APPLICANT	Pure-Seed Testing, Inc. International Seeds, Inc. FFR Cooperative Normarc, Inc. FFR Cooperative Simplot Turf and Horticulture KRB Seed Company, LLC KRB Seed Company, LLC KRB Seed Company, LLC KRB Seed Company, LLC KRB Seed Company, LLC KRB Seed Company, LLC KRB Seed Company, LLC KRB Seed Company, LLC KRB Seed Company, LLC KRB Seed Company, LLC KRB Seed Company, LLC KRB Seed Company, LLC KRB Seed Company, LLC KRB Seed Company, LLC KRB Seed Company, LLC KRB Seed Testing, Inc. Show Brand Seed Company Ltd. International Seeds, Inc. Show Brand Seed Company Ltd. International Seeds, Inc. Show Brand Seed Company Ltd. International Seeds, Inc. Seed Research of Oregon, Inc. Seed Research of Oregon, Inc. Seed Research of Oregon, Inc.	Inc. Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. AgribioTech, Inc. International Seeds, Inc. Pickseed West Inc.
KIND VARIETY	FESCUE, TALL Olympic II Pacer Pengrazer Phoenix Phyter Phyter Pixie Rebel II Rebel III Rebel III Rebel III Rebel III Rebel III Rebel III Safari Safe Shenandoah Shenandoah Shortstop Silverado Southland Shortstop Silverado Stargrazer Tempo Thunderbird Titan Titan	Tomahawk Tradition Trailblazer Trailblazer II Tribute Trident

^(*) No limit to the number of generations of certified seed beyond breeders seed.

KIND VARIETY	APPLICANT (GEN.) PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
	Harris Moran Seed Company Seminis Venetable Seeds	LETTUCE Bulls Eye	Arthur Yates and Company		
	nis Vegetable	Canasta Capistrano	Sluis and Groot Research Seminis Vegetable Seeds,		×
	Sakata Seed America, Inc.	Capri	seminis Vegetable Seeds,		
	า การ	Centurion Champ	Quali-Sel, Inc. Seminis Vegetable Seeds,		
	Inc. Seminis Vegetable Seeds,	Chieftain	Inc. Seminis Vegetable Seeds,		
	Seminis Vegetable Seeds,	Classic	Seminis Vegetable Seeds,		
	seminis Vegetable Seeds, Inc.	Clemente	Inc. Royal Sluis, Koninklijke Zaaizaadbedrijven		
	Royal Sluis, Koninklijke Zaaizaadbedrijven	Coolgreen			; ∺
	Plant Genetics, Inc.				H
	Harris Moran Seed Company Seminis Vegetable Seeds,	Cos Kıng	Seminis Vegetable Seeds, Inc.		
	Inc. Seminis Vegetable Seeds,	Сомроу	Enza Zadne De Enkhuizer Zaadhandel B.V.		> +
		Crisp & Green			> +
		Darkland Cos	Central Valley Seeds,		
	Vegetable Seeds,	Daybreak	inc. Seminis Vegetable Seeds,		
Beauty		Del Oro	Inc. Seminis Vegetable Seeds,		> +
	Seminis Vegetable Seeds, Inc. Seminis Vegetable Seeds,	Del Rey	Inc. Royal Sluis, Koninklijke Zaaizaadbedrijven		
	Inc. Enza Zadne De Enkhuizer Zaadhandel R V	Del Rio	Gebroeders Sluis, B.V. Seminis Vegetable Seeds,		×
	Oi	Desert Queen	Seminis Vegetable Seeds, Inc.		
	THC.				

^(*) No limit to the number of generations of certified seed beyond breeders seed.

KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.) PVPA	KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.) PVPA	
LETTUCE Desert Spring	Seminis Vegetable Seeds,		LETTUCE Golden Bibb	Seeds, In		
Desert Storm	is Moran	>		Inc.		
Dlamond	Enza Zadne De Enkhuizer Zaadhandel B.V.	X	Green Day	Seminis Vegetable Seeds, Inc.	₩	
Don Juan	Moran Seed		Green Towers	Harris Moran Seed Company		
Duchesse	Seed		Green Vision	Central Valley Seeds,	7	
Dynasty	_			Inc.		
rariy Glant	seminis vegetable seeds, Inc.		Greenfield	Harris Moran Seed Company		
Early Queen	Paragon Seed, Inc.	×))))			
El Dorado	Royal Sluis, Koninklijke		Honcho II	Seminis Vegetable Seeds,		
((((((Gebroeders Sluis, B.V.		Huron	Orsetti Seed Company,	×	
Fucore	Royal Sluis, Koninklijke			Inc.		
			Ideal Cos	Seminis Vegetable Seeds,		
				Inc.		
Enduro	Seminis Vegetable Seeds,		Impact	Arthur Yates and Company		
				Pty. Ltd.		
Epic	a Seed		Jazz	Seminis Vegetable Seeds,		
Esmeralda	Sluis B.V.					
Express		X	Kelvin	Royal Sluis B.V.		
Fallgreen	Harris Moran Seed Company		King City			
Fame	Seminis Vegetable Seeds,					
	Inc.		Krypton	Seminis Vegetable Seeds,	> +	
Fanfare	Moran					
FM 8248			LaJolla	Koninklijke		
Gabilan	Church, Inc.			Zaaizaadbedrijven		
Garnet				Gebroeders Sluis, B.V.		
Gemini			Le Cup			
Genecorp Boston	Seminis Vegetable Seeds,					
			Lettich	Seminis Vegetable Seeds,		
Genecorp Cos	Seminis Vegetable Seeds,					
			Magnum	Arthur Yates and Company		
Genecorp Green	Seminis Vegetable Seeds,			Pty. Ltd.		
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			Major Cos	Seminis Vegetable Seeds,		
	Table vegerable seeds,		:			
Gilaben	Harris Moran Seed Company		Margarıta	Enza Zadne De Enkhuizer Zaadhandel B.V.	≯	

^(*) No limit to the number of generations of certified seed beyond breeders seed.

KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.) PVPA	KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.) PVPA
LETTUCE Marksman	Arthur Yates and Company		LETTUCE Red Sails	Seminis Vegetable Seeds,	
Marvel	Pty. Ltd. Seminis Vegetable Seeds, Inc.		Red Sceptre	Inc. Seminis Vegetable Seeds, Inc.	
Maverick	Seminis Vegetable Seeds,		Red Vogue	Sakata Seed America, Inc.	
Maverick II	Seminis Vegetable Seeds,		Romulus	Vegetable	
Mid Queen	Inc. Paragon Seed, Inc.	*	Rosalita	Inc. Johnny's Selected Seeds	
Milestone Monarch	Bruce Church, Inc.			and Orsetti Seeds	
Murietta	Moran S	≻	Royal Green	Royal Sluis B.V.	
Overture	Moran Seed	<i>></i> -		Royal Sluis B.V.	
Paragon	Church,		RS 0156	Seminis Vegetable Seeds,	≯ 1
Pinnacle	Bruce Church, Inc.	>	۲۰۰۰ د د د د	7	
Primavera Primavera			Salad Blbb Salverde	Harris Moran Seed Company	
2			Sangria	n, S.A.	
Prince	Seminis Vegetable Seeds,		Scarlett Butter	Seminis Vegetable Seeds,	
				Inc.	
Pro 917	Seminis Vegetable Seeds,		Sedona	Seminis Vegetable Seeds,	> +
t t	77				
kacy ked	seminis vegetable seeds, Inc.		Seeker	Seminis Vegetable Seeds, Inc.	
Raider	Seminis Vegetable Seeds,		Sharp Shooter	Seminis Vegetable Seeds,	¥
Raisa	Zwaan		Shilo	Seminis Vegetable Seeds,	
Rambo	Seminis Vegetable Seeds,		Shining Star	Seminis Vegetable Seeds,	X
Ramrod	Seminis Vedetable Seeds.		Shogin	Inc. Harris Moran Seed Company	
			Sierra		
Red Eye Cos	Seminis Vegetable Seeds,		Simpson Elite	Seminis Vegetable Seeds,	
Red Hot COS	Seminis Vegetable Seeds,	>	Snowbird		
מהין דיין ביים	Inc. Seminis Veretable Seeds	>	Spector	Seminis Vegetable Seeds,	
		•	Spreckels	Seminis Vegetable Seeds,	*
Red River	Seminis Vegetable Seeds,		•		
	Inc.				

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA	>+ >+	₩	>			₩	× × ×
TITLE V (GEN.)						(*) X	
APPLICANT	Waller Flowerseed Company Waller Flowerseed Company Resource Seeds, Inc.	er Flowe mith Se Bodger ny	John Bodger and Sons Company John Bodger and Sons Company John Bodger & Sons	Company John Bodger and Sons Company John Bodger and Sons Company John Bodger and Sons	Company John Bodger and Sons Company John Bodger and Sons Company John Bodger and Sons Company Goldsmith Seeds, Inc. Waller Flowerseed Company Goldsmith Seeds, Inc.	Waller Flowerseed Company Goldsmith Seeds, Inc. John Bodger & Sons	Company John Bodger and Sons Company John Bodger and Sons Company John Bodger and Sons
KIND VARIETY	LOBELIA, ANNUAL Riviera Blue Splash Riviera Lilac LUPIN 2085	Orange Yellow Flame	Disco Golden Yellow Disco Orange Hero Bee	Hero Flame Hero Gold Hero Harmony	0 & 5	Janie Primrose Janie Tangerine Little Hero Fire	Little Hero Flame Little Hero Orange Little Hero Yellow
1994 PVPA	×				> +	> + :	≻₁
TITLE V (GEN.)							
APPLICANT	Seminis Vegetable Seeds, Inc. Vilmorin, S.A. Seminis Vegetable Seeds,	Arthur Yates and Company Pty. Ltd. Royal Sluis B.V. Seminis Vegetable Seeds,	Inc. Orsetti Seed Company, Inc. Orsetti Seed Company, Inc. and Summit Seeds,	Bruce Church, Inc. Seminis Vegetable Seeds, Inc. Harris Moran Seed Company Seminis Vegetable Seeds,	Koninklijke Zaaizaadbedrijven Gebroeders Sluis, B.V. Harris Moran Seed Company Seminis Vegetable Seeds, Inc. Sakata Seed America, Inc. Orsetti Seed Company, Inc.		Enza zadne De Enkhuizer Zaadhandel B.V. Harris Moran Seed Company Seminis Vegetable Seeds, Inc. Bruce Church, Inc.
KIND VARIETY	LETTUCE Stinger Sudia Sweet Gem	Target Telda Tiara	Two Star Ultra Green	Valley King Van 007X Van Mor VAN SAL 210	Vancrisp Vango Venice Vulcan Western Red Leaf	Westland Winter King	Yuma Yuppie Zenith

^(*) No limit to the number of generations of certified seed beyond breeders seed.

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TITLE V (GEN.)			Y (3)	
APPLICANT	U.S. Department of Agriculture Agriculture Research Service Alabama Agricultural Experiment Station, Department of Horticulture Kansas State University Research Foundation Novartis Seeds, Inc. Shamrock Seed Company, Inc.	Novartis Seeds, Inc. Gro-Pro Enterprises, Inc. Hollar Seeds, Inc. Harris Moran Seed Company	Arkansas County Seed Company, Inc. Arkansas County Seed Company, Inc. Arkansas County Seed Company, Inc. Ohio Agricultural Research and Development Center, Ohio State University	Experiment Station Wisconsin Agricultural Experiment Station University of Illinois Cebeco Zaden B.V. Wisconsin Agricultural Experiment Station Florida Agricultural Experiment Station University of Georgia
KIND VARIETY	MILLET, PEARL Tift 93 MUSKMELON AUrora Earlibush Crenshaw Musketeer PMR 45 Full Net	Stephanie Sunglo Casaba Sweet Delight Top Net SR	811 833 871 Armor	Belle Brawn Celsia Centennial Chapman
1994 PVPA	* * *	≯	>	÷ >+ >+
TITLE V (GEN.)			χ (2) χ (2)	
APPLICANT	Cardo Construct John Bodger and Sons Company John Bodger and Sons Company John Bodger and Sons Company John Bodger and Sons Company John Bodger and Sons Company John Bodger and Sons	Company John Bodger and Sons Company John Bodger and Sons	Oregon State University Agriculture Experiment Station Oregon State University Agriculture Experiment Station Ali Abad Farm USDA-ARS, Colorado	Agricultural Experiment Station, and Wyoming Agricultural Experiment Station U.S. Department of Agriculture Agriculture Research Service U.S. Department of Agriculture Agricultural Research Service
KIND VARIETY	MARIGOLD Nemanon Orange Sophia Papaya Crush Improved Pineapple Crush Improved Polynema Pumpkin Crush Improved Safari Bolero	Safari Tangerine Safari Yellow	MEADOWFOAM Floral Mermaid MELON, KHARBUZA Aliabadi MILKVETCH Windsor	MILLET, PEARL Tifleaf 3 Tift 8593

^(*) No limit to the number of generations of certified seed beyond breeders seed.

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TITLE V (GEN.)	¥ (2)			Υ (3)	Y (3)			(3)																						
APPLICANT	Wisconsin Agricultural		Experiment Station	Minnesota Agricultural	~	Experiment Station NDSU Research Foundation.	ND Agricultural	Experiment station North Carolina	Agricultural Research	Service and USDA-ARS	Sunseeds Company	Novartis Seeds, Inc.	VIERTHOO DOOR KNOWN	5))	Shamrock Seed Company,		semins vegerable seeds, Inc.	Mr and Mrs James Corona	Sunseeds Company	Shamrock	Inc. Texas barianltural	Experiment Station	rock Se		Seminis Vegetable Seeds,	Shamrock Seed Company,	Inc.	Shamrock Seed Company,	inc. Seminis Vegetable Seeds,	Inc.
KIND VARIETY	OAT Prairie	Premier		Proat	Starter	Whitestone		Yeats		OKRA	Cajun Queen	Prelude	Cardinal		Caribou-19	C C C C C C C C C C C C C C C C C C C	COllicesad	Corona Italian Red	Crystal Wax Pickling		Dorada	3 3 1 1	Dynasty		Emerald isle	Everest		IBEX	La Joya	
94 94				> -											Ą,															
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> ~			(3)		Y (2)	Y (2)		(+)	Υ (3)		Y (2)						Y (*)			Υ (3)	¥ (3)		χ		Υ (3)			Y (3)		
	Research Foundation, Inc. (UGARF)	Crop and Food Research Ltd.	c. Y (3)	(3)	ural Y		, (<u>;</u>	(1)	ral Y	Experiment Station and USDA-ARS	ural Y	Experiment Station	Furude Onlyersicy Agricultural Experiment	Station	oundation,	ND Agricular Experiment Station	×	Frederick B. Ledeboer	Douglass W. King Company		ultural Y		U Research Foundation,	ND Agricultural					Station	

^(*) No limit to the number of generations of certified seed beyond breeders seed.

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TITLE V (GEN.)		Y (2) Y (*)	Y (1)
APPLICANT	Texas Agricultural Experiment Station Texas Agricultural Experiment Station Texas Agricultural Experiment Station Texas Agricultural Experiment Station Texas Agricultural Experiment Station Texas Agricultural Experiment Station Texas Agricultural Experiment Station	Pure-Seed Testing, Inc. FFR Cooperative Pure-Seed Testing, Inc. AgResearch Limited FFR Cooperative University of Missouri Ag Biotech of Oregon, Inc. Ag Biotech of Oregon, Inc.	Green Genes, Inc. Snow Brand Seed Company Ltd. Cornell Research Foundation, Inc.University of Hawaii at ManoaUnited States of America As Represented By The Secretary of Agriculture (USDA) Cornell Research Foundation, Inc.University of Hawaii at ManoaUnited States of America As Represented By
KIND VARIETY	ONION Texas Early White Texas Grano 1015Y Texas Grano 1030Y Texas Grano 1030Y Texas Grano 1105Y Texas Grano 438	ORCHARDGRASS AMBROSIA Benchmark Elsie Grasslands Tekapo Haymate Justus Pro-file	Satin Summer Green PAPAYA UH Rainbow UH SunUP
1994 PVPA	K K KK	>	• >• >•
TITLE V (GEN.)	Y (3) Y (3) Y (3)	Y (3) Y (3)	
APPLICANT	ris Mora Fis Mora Mexico Friment Mexico Versity Friment Mexico Versity Friment	University Agricultural Experiment Station New Mexico State University Agricultural Experiment Station New Mexico State University Agricultural Experiment Station New Mexico Agricultural Experiment Station New Mexico Agricultural Experiment Station New Mexico Agricultural	iment Agrical Agrical Ins Veg is Veg is Veg is Veg
API	Shariya ya Kari	C X O C X O C X O X O X O X O X O X O X	Texas Exper Texas Exper Horti A.M. Domir Inc. Semir Inc. Semir Inc. Semir Inc.

^(*) No limit to the number of generations of certified seed beyond breeders seed.

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TITLE V (GEN.)				
APPLICANT	Seminis Vegetable Seeds, Inc. Novartis Seeds, Inc. Nunza B.V. W. Brotherton Seed Co., Inc. Crites-Moscow Growers, Inc.	rtis Seeds, In nis Vegetable rtis Seeds, In rtis Seeds, In es-Moscow Grow	Monte Monte Monte Monte Monte Monte Monte	Del Monte Corporation Del Monte Corporation Del Monte Corporation Del Monte Corporation Del Monte Corporation Del Monte Corporation Del Monte Corporation Del Monte Corporation Del Monte Corporation Del Monte Corporation Del Monte Corporation Del Monte Corporation Del Monte Corporation Del Monte Corporation Inc.
14 KIND PA VARIETY	PEA Cabree Captain Caselode Challis	Y Classicgreen Darien Daybreak Delsey Dignity		V DMC 50-68 DMC 50-69 DMC 50-70 DMC 50-74 V DMC 50-74 DMC 50-78 DMC 50-82 DMC 50-82 DMC 50-82
TITLE V 1994 (GEN.) PVPA				
APPLICANT	The Secretary of Agriculture (USDA) Regents of the University of Minnesota Nunza B.V. Nunza B.V. Seminis Vegetable Seeds,	Novartis Seeds, Inc. Seminis Vegetable Seeds, Inc. Novartis Seeds, Inc. Seminis Vegetable Seeds, Inc. Crites-Moscow Growers,	\square \square \square	Seminis Vegetable Seeds, Inc. Novartis Seeds, Inc. Seminis Vegetable Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Pure Line Seeds, Inc. Crites-Moscow Growers, Inc. Novartis Seeds, Inc. Crites-Moscow Growers, Inc.
KIND VARIETY	PARSNIP Andover PEA 77 Early Perfection 9000 Freezer Aim	Aladdin Alfi Alpine Alsweet III Antigo	Applause Arctic Arise Aristagreen Aspire Athena	Award Bankit Bemol Bingo Blizzard Bold Bonito Bounty Brule

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(*) No limit to the number of generations of certified seed beyond breeders seed.

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TITLE V (GEN.)								
. APPLICANT	Novartis Seeds, Inc. Seminis Vegetable Seeds,	Seminis Vegetable Seeds, Inc.	Syngenta Seeds, Inc. Novartis Seeds, Inc. Seminis Vegetable Seeds, Inc.	Seminis Vegetable Seeds, Inc. Pure Line Seeds, Inc.	L. D. Maffei Seed Company, Inc. Novartis Seeds, Inc. W. Brotherton Seed Company, Inc. Seminis Vegetable Seeds,	es-Moscow Grow Maffei Seed any, Inc. nis Vegetable	Inc. Wilbur-Ellis Company Pure Line Seeds, Inc. Seminis Vegetable Seeds,	Seminis Vegetable Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Seminis Vegetable Seeds, Inc. Wilbur-Ellis Company
KIND VARIETY	PEA Jupiter Kalamo	Karisma Karl-Evert	Kayak Lacy Lady Lazor	Leah Legacy Mariner	MC-201 Mendota Menlo Menuet	Methow MF-502 Micro	Midget Misty Monico	Nitro Nomad Nordic Northstar Now
TITLE V 1994 (GEN.) PVPA	≯ 1				X			γ.
APPLICANT	Pure Line Seeds, Inc. Seminis Vegetable Seeds,	Novartis Seeds, Inc. Seminis Vegetable Seeds,	Seminis Vegetable Seeds, Inc. Seminis Vegetable Seeds, Inc.	Seminis Vegetable Seeds, Inc. Novartis Seeds, Inc. Seminis Vegetable Seeds,	Inc. Seminis Vegetable Seeds, Inc. Novartis Seeds, Inc. Seminis Vegetable Seeds, Inc.	rtis Seeds, onsin Crop ovement Asso nis Vegetabl	Novartis Seeds, Inc. Seminis Vegetable Seeds, Inc. Seminis Vegetable Seeds, Inc.	Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Crites-Moscow Growers, Inc. van Waveren Pflanzenzucht GmbH.
KIND VARIETY	PEA Early Sweet 41 Eclipse	Ego Elegance	Encore	Epic Everett Filly	Flair Fridgit Fristo	Frolic Frontier Gain Galasweet	Genie Goya Hailey	Headliner Honey Pod HP071-2-5 HP758A Image

^(*) No limit to the number of generations of certified seed beyond breeders seed.

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TITLE V (GEN.)																																								
APPLICANT		W. Atlee Burpee Company		Seeds,	Novartis Seeds, Inc.	Novartis Seeds, Inc.	Novartis Seeds, Inc.	Novartis Seeds, Inc.	Crites-Moscow Growers,	Inc.	Novartis Seeds, Inc.	Seminis Vegetable Seeds,	Inc.	Novartis Seeds, Inc.		Pure Line Seeds, Inc.	Novartis Seeds, Inc.	Novartis Seeds, Inc.	Novartis Seeds, Inc.	Crites-Moscow Growers,	Inc.	Pure Line Seeds, Inc.	Pure Line Seeds, Inc.	Pure Line Seeds, Inc.	(1)	Novartis Seeds, Inc.	Novartis Seeds, Inc.	Novartis Seeds, Inc.	Novartis Seeds, Inc.	Crites-Moscow Growers,	Inc.	Novartis Seeds, Inc.	Seminis Vegetable Seeds,	Inc.	Seminis Vegetable Seeds,	Inc.	Novartis Seeds, Inc.	W. Brotherton Seed Co.,	Inc.	
KIND VARIETY	PEA	Snappy	Snow Wind	Somerset	Sonic	SP110-1-2-7-2	SP363-1-1-5-1	SP704-3-8	Span		Springreen	Stampede		Stringless Sugar	Snap	Style	Sugar Daddy	Sugar Lace	Sugar Pop	Sultan		Sun Burst	Sun-Up	Sundance	Sunfire	Sunrise	Sunset	Super Sugar Snap	Super SugarMel	Superscout		Sweet Snap	Tacoma		Talbot		Tasman	Tonic		
1994 PVPA		₩	≯										×													≯ 1					≯									
(GEN.)																																								
APPLICANT (GEN.)		Seminis Vegetable Seeds,	Novartis Seeds, Inc.	Seminis Vegetable Seeds,	Inc.	Seminis Vegetable Seeds,	Inc.	Novartis Seeds, Inc.		Novartis Seeds, Inc.	van Waveren Pflanzenzucht		Seminis Vegetable Seeds,	Inc.	Seminis Vegetable Seeds,	Inc.	Crites-Moscow Growers,	Inc.	Seminis Vegetable Seeds,	Inc.	Novartis Seeds, Inc.	Seminis Vegetable Seeds,	Inc.	NESTEC S.A.	Seeds,	Novartis Seeds, Inc.	Seminis Vegetable Seeds,	Inc.	Crites-Moscow Growers,	Inc.	Sharpes International	Seeds Limited	Pure Line Seeds, Inc.	Nunza B.V.		Seminis Vegetable Seeds,	Inc.	Novartis Seeds, Inc.	Crites-Moscow Growers,	Inc.

(*) No limit to the number of generations of certified seed beyond breeders seed.

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TITLE V (GEN.)	X X (3)			Y (4)	Y (3) Y (3)		Y (3) Y (3)	Y (3)						Y (3)
APPLICANT	Cebeco Zaden B.V. Cebeco Zaden B.V. Cebeco Zaden B.V.		α	Terramax Corporation, Canada	AgraTech Seeds Inc. James Sutton, Mycogen Corporation Gordon	Patterson, Hershey Foods Corporation	J. Ashley Darden Florida Agricultural Experiment Station	AgraTech Seeds Inc. Agratech Seeds Inc.	Seeds	or Agriculture, Agricultural Research Organization, The Volcani Center	University of Georgia Research Foundation, Inc.	University of Georgia Research Foundation, Inc.	1.1	Agratech Seeds inc. Kenneth E. Hughes Florida Agricultural Experiment Station
KIND VARIETY	PEA, FIELD Ricardo Solara Solido	SUPRA SV Victoria Swing TOLEDO	면 편	Tinga PEANUT	127		AD-1 Andru 93	AT 108 AT 120				Georgia		GK-/ KH20 Marc I
1994 PVPA			H		≻ i		*		***	ж ж		;	≻	₩
TITLE V (GEN.)							Y (3)	Y (3)		(3) (3) (3) (4) (4) (4)			(3) (3) 4 K	
APPLICANT	Novartis Seeds, Inc. Seminis Vegetable Seeds, Inc.	Seminis Vegetable Seeds, Inc. Novartis Seeds, Inc. Seminis Vegetable Seeds,	Inc. Seminis Vegetable Seeds, Inc. W. Brotherton Seed	Company, Inc. Seminis Vegetable Seeds, Inc.	Wilbur-Ellis Company Seminis Vegetable Seeds, Inc.	Seminis Vegetable Seeds, Inc.	Cebeco Zaden B.V. Svalof Weibull AB	Cebeco Zaden B.V. L. Daehnfeldt, Inc.	eco Zaden B. lof Weibull	Svalor weibuil Ab Cebeco Zaden B.V. Cebeco Zaden B.V. Campbell Soup Company,		s Interna :d.	_	Wilbur-Eills Company ProGene, L.C. Cebeco Zaden B.V.
ND VARIETY	A Top Pod Treat	Trek Tripod Turbo		Utrillo	Valgreen Volare	Vulcan	A, FIELD Belinda Carneval	Carrera Danto	Espace Grande	Highilght Impala Integra Irby Scotch		Magnus	Majoret Othello	Frincess Pro 2100 Renata

^(*) No limit to the number of generations of certified seed beyond breeders seed.

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
PEANUT NC 10C	North Carolina Agricultural Research	Y (3)		PEPPER DMC 56-52 DMC 56-54	Monte Monte		:
NC 12C	Service North Carolina Agricultural Research	Y (3)	₩	DMC 58-214 DMC 58-218 Francisca	Del Monte Corporation Del Monte Corporation Frank Garcia, Jr.		****
6 UN	Service North Carolina Agricultural Research	Y (3)		Gusto H78-1R Hidalgo	Harris Moran Seed Company Campbell Soup Company Texas Agricultural	Y (*)	× ×
NC-V11	Service North Carolina Agricultural Research Service	Y (3)		HM1-Y Jupiter Loribelle	Experiment Station Campbell Soup Company Novartis Seeds, Inc. Orsetti Seed Company,		₩
Shosh	State of Israel/Ministry of Agriculture, Agricultural Research	¥ (3)		Okala	Inc. Oklahoma Agricultural Experiment Station		>
Southern Runner	Organization, The Volcani Center Florida Agricultural Experiment Station,	۲ ۲ (3)		le rairi rima	•	(*)	₩
SunOleic 95R SunOleic 97R	University of Florida Florida Agricultural Experiment Station, University of Florida Univ. of Fla. Agric. Expt. Sta.	Y (3)	> -	R & C Cayenne Red Savina Sonora Anaheim TAM Veracruz	Seminis Vegetable Seeds, Inc. Frank Garcia, Jr. Seminis Vegetable Seeds, Inc. Texas Agricultural		
VA-C 92R VC-1 PEPPER 90-3083	T O P	Y (3)	×	Tambel-2 Taurus	Experiment Station Texas Agricultural Experiment Station Novartis Seeds, Inc.	Y (*)	> >
Alpha II Autopick Bell-Sweet Capistrano DMC 56-02 DMC 56-04			× .		1) ·d	Y (1)	-1

(*) No limit to the number of generations of certified seed beyond breeders seed.

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TITLE V (GEN.)				Y (1)				(5) (5) (5) (7) (7)	Y (2)
APPLICANT	W. Atlee Burpee Company Howard Dill Enterprises, Ltd.	S Seeds, inc. Catherine Brus I. and Richard	Hollar Seed Company, Geo. Perry and Sons Johnny's Selected Seeds Novartis Seeds, Inc.	Harris Moran Seed Company A. Duda & Sons, Inc. Alf Christianson Seed	Harris Moran Seed Company Harris Moran Seed Company Alf Christianson Seed Company	P.H. Petersen, Saatzucht P.H. Petersen, Saatzucht	of Idaho	University of Idaho University of Idaho University of Idaho Svalof AB Calgene, Inc. and King Grain, Inc. Calgene, Inc.	Svalof AB W. Weibull AB
KIND VARIETY	PUMPKIN Bushkin Dill's Atlantic Giant	GOLGLIOCKS Happy Howden Biggie	Lumina Tom Fox Wee-B-Little RADISH	Belle Glade Krasna Plum Purple	Red King Red Silk Ruby	Adagio Viking RAPE	Aspen Bingo	Briager Cascade Cathy Celebra Ceres	Crystal Delta
1994 PVPA			* *	> >-		+ >+ >	***************************************	H >H	×
APPLICANT (GEN.)	Φ		HZPC Holland B.V. Svalof Weibull AB and Norddeutsche	Pflanzenzucht Hans-Georg Lemke KG HZPC Holland B.V. Kartoffelzucht Bohm	Frito-Lay, Inc. LOO BROTHERS (Gerrit, Evert) HZPC Holland B.V.	NOISanco Company NDSU Research Foundation ND Agricultural Experiment Station NDSU Research Foundation	DEN HARTIGH BV UNIPLANTA Saatzucht KG P.R. and J.P. Dijkhuis Cebeco Seeds	SAKA-KAGIS FILANZENZUCHU GDR Scotia Pharmaceuticals Ltd. Scotia Pharmaceuticals Ltd.	Johnny's Selected Seeds John Jaunsem
KIND VARIETY		Falona Deep Salmon Palona Light Salmon Palona White Palona White with	Eye POTATO Adora Agata	Asterix Bolesta	FL 1833 Island Sunshine Morning Gold	NorDonna	Oscar Oscar Panda Penta Provento	ROSAFA PRIMROSE, EVENING Merlin Rigel	Baby Bear Baby Boo

(*) No limit to the number of generations of certified seed beyond breeders seed.

TITLE V 1994 (GEN.) PVPA	Υ (3)	Y (3) Y	Υ (3)	Y (3) Y Y (3)	Y (3)	Y (3) Y (3)	Y (3) Y Y (3)	Y (3) Y (3)
APPLICANT	Mitsubishi Kasei	Corporation Hisparroz, S.A. Rice Researchers, Inc.	Researchers, Cornia Coopera Research Foun	California Cooperative Rice Research Foundation, Inc. California Cooperative	Q_) (t) t	Inc. N. F. Davis Drier and Elevator, Inc. N. F. Davis Drier and	Elevator, inc. N. F. Davis Drier and Elevator, Inc. Rice Researchers, Inc. Farms of Texas Company Farms of Texas Company RiceTec Seed Inc. (Farms	s Company) hia Coopera search Foun hia Coopera
KIND VARIETY	RICE Hareyaka	Isla KR4	KRM-2 L-203	L-204 M-103	M-203	NFD 108 NFD 109	NFD-181 RRI-7530 RT-A1001 RT-A1002 RT7015	S-101 S-102
1994 PVPA	×		×	×	> 1		×	* *
TITLE V (GEN.)		(5 (5 (5 K K K K K K K K K K K K K K K K		2000 * * * * * * * *	,	Y (2) Y (3)	Y (3)	Y (3)
APPLICANT	Calgene, Inc. and King Grain, Inc.		Cargill Incorporated Cargill Incorporated Cargill Incorporated	Cargill Incorporated Cargill Incorporated Svalof AB University of Idaho		Cargill, Inc. University of Idaho Svalof AB L. Daehnfeldt, Inc.	Research Seeds, Inc. Research Seeds, Inc. California Cooperative Rice Research Foundation, Inc.	Mitsubishi Chemical Corporation, Mitsubishi Corporation Farms of Texas Company Hisparroz, S.A. Hisparroz, S.A. University of Arkansas
				C 144 C203RR gend I III	rabon-00 radonna L 501 C	Printol Rebel Topas Viking		

(*) No limit to the number of generations of certified seed beyond breeders seed.

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TITLE V (GEN.)			Y (3) Y (3) Y (3)
APPLICANT	Mississippi Agricultural and Forestry Experiment Station AgribioTech, Inc. Advanta BV L. Daehnfeldt, Inc. Snow Brand Seed Company Ltd. Forbes Seed and Grain, Inc. Florida Agricultural Experiment Station Snow Brand Seed Company Ltd. Snow Brand Seed Company Ltd. Snow Brand Seed Company Ltd. Snow Brand Seed Company Ltd. Snow Brand Seed Company Ltd. Snow Brand Seed Company Ltd. Snow Brand Seed Company Ltd. D.J. van der Have B.V. Pure-Seed Testing, Inc. Pure-Seed Testing, Inc.	Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. International Seeds, Inc. Mid-Valley Farms, Inc. The O. M. Scott and Sons Company	Pickseed West Inc. Jacklin Seed Company International Seeds, Inc. KWS-AG AgriBioTech, Inc. Jacklin Seed Company Pure-Seed Testing, Inc. Barenbrug Holland B.V. Barenbrug Holland B.V. Barenbrug Holland B.V.
KIND VARIETY	H N N N	RYEGRASS, PERENNIAL 246 2CB 2DF 856 89-90 Accolade	Achiever Advent Allaire Amazon APM Assure Barball Barclay Barrage
1994 PVPA	>→ >→		×
TITLE V (GEN.)	Y (3) Y (1) Y (1)	Y (2)	Y (1)
TAPPLICANT	California Cooperative Rice Research Foundation, Inc. N. F. Davis Drier and Elevator, Inc. Western Rice Research Busch Agricultural Resources, Inc. Western Rice Research Busch Agricultural Resources, Inc. Sumitomo Chemical Company, Ltd. Western Rice Research Busch Agricultural Resources, Inc. Farms of Texas Company Farms of Texas Company Farms of Texas Company NiceTec Seed Inc. (Farms of Texas Company) N. F. Davis Drier and Elevator, Inc.	Mitsubishi Chemical Corporation and Mitsubishi Corporat Wisconsin Agricultu Experiment Station HYBRIDUM) Pure-Seed Testing,	0 0 ~ 0 0.11
KIND VARIETY	S-301 S2-Calpearl SP211 SP311 SUMirice II SURPASS V4716 V7713 V7817 Valencia 87	Yumekaori RYE Spooner RYEGRASS (LOLIUM X 3CN	Agree Bison Oregreen Polly RYEGRASS, ANNUAL Caramba Comet Grazer Jackson

(*) No limit to the number of generations of certified seed beyond breeders seed.

TITLE V 1994 (GEN.) PVPA	>4	≯	> + >+	×	> >>	≯
APPLICANT	NK Lawn and Garden Company Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. International Seeds, Inc. Saatzucht Steinach GmbH. Pure-Seed Testing, Inc. Advanta BV	Pickseed West Inc. Pure-Seed Testing, Inc. Forbes Seed and Grain, Inc. Ampac Seed Company International Seeds, Inc. Pure-Seed Testing, Inc. Seed Research of Oregon,	Inc. Mommersteeg International B.V. Pratum Co-op Warehouse KRB Seed Company, LLC KRB Seed Company, LLC Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Agriculture Service Corporation Normarc, Inc. Pickseed West Inc. AgribioTech, Inc.		Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. D.J. van der Have B.V. International Seeds, Inc.	Pure-Seed Testing, Inc. AgriBioTech, Inc. AgriBioTech, Inc. Pickseed West Inc.
KIND VARIETY	RYEGRASS, PERENNIAL Goalie Jazz Legacy Lindsay Lorina Manhattan II	Morningstar Navajo NightHawk Nobility Nova Omega II	Ovation Pageant Palmer Palmer II Passport Pebble Beach Pennant Pinnacle Pleasure Prelude	Prelude II Premier	Prizm Quickstart Ranger Regal	Regency Repell Repell II Riviera
V 1994) PVPA	* *			≯ + > +		
TITLE V (GEN.)		Ø	a o o o			ů ·
APPLICANT	AgribioTech, Inc. Pure-Seed Testing, Inc. Pickseed West Inc. AgribioTech, Inc. Willamette Valley Plant Breeders, Inc. Pure-Seed Testing, Inc. John R. Koos and Sons	AgriBioTech, Inc. The O. M. Scott and Sons Company Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Pure-Seed Testing, Inc. Pure-Seed Testing, Inc.	Seeds Inc. Seed, Inc. Inc. iarden Seeds Seeds Seeds ting, Inc.	R. H. Bailey Seed, Inc. Pure-Seed Testing, Inc.	art .	International Seeds, Inc. Jonathan Green and Sons, Inc. and Cascade International Seed Company
KIND VARIETY	RYEGRASS, PERENNIAL Belle Birdie II Blazer II Boardwalk Breeze Brightstar Buccaneer	Caliente Calypso Charger Citation II Commander Competitor Cowboy	Cutless Cutter Dandy Dasher II Delaware Dwarf Delray Derby Supreme Dillon Dimension Elegance	ELF Envy	Fantoom Fiesta II Friend	Gettysburg

(*) No limit to the number of generations of certified seed beyond breeders seed.

International Seed Company

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TITLE V (GEN.)	Y (*)	Y (1)	Υ (*)	*		Y (3)	Y (3)	Y (3)		Y (3)					Y (3)	(2)		Y (3)													
APPLICANT	Research and Development	Research and Development	Institute, Inc. Montana Agricultural	Experiment Station	Experiment Station	California Oils	Corporation SeedTec International,	Inc. SeedTec International,		SeedTec International,		SeedTec International,	SeedTec International,		SeedTec International,	Inc.		California Oils				Sesaco Corporation	Sesaco Corporation	Sesaco Corporation		Cargill, Inc.	Holden's Foundation	Seeds, Inc.	Pioneer Hi-Bred	International, Inc.	Flower Al-Bred International, Inc.
KIND VARIETY	SAFFLOWER Montola-2000	Morlin	MT 3697	ر م ۲		S-345	S-501	S-517		S-518		S-553	S-555		S-710	027-0		S-901		SESAME			Sesaco 4	Sesaco 7	SORGHUM	A8087C	HP150		PH227	0E0.na	Fn232
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> ~																															
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APPLICANT (GEN.)	Pure-Seed Testing, Inc.	nc.	Pure-Seed Testing, Inc. Seed Research of Oregon,	Inc. Seed Research of Oregon.		Seed Research of Oregon,	Inc. Seed Research of Oregon,	Inc. KWS-AG	Pro-Seeds Marketing, Inc.		Seed Services			Seeds, Inc.	Smith Seed Services	D.J. van der Have B.V.		Pure-Seed Testing, Inc.	> 4	Ltd.	AgriBioTech, Inc.		Adams Seed Company		Cal/West Seeds		velopment Y	Institute, Inc.	velopment Y		н

^(*) No limit to the number of generations of certified seed beyond breeders seed.

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KIND	HNGOLIDAG	TITLE V 1994 K	KIND	TIT.	TITLE V
4			VAINTE I I		- NJ
SORGHUM		S	SORGHUM		
PH256	Pioneer Hi-Bred		PHA279	Pioneer Hi-Bred	
	International, Inc.			International, Inc.	
PH257	V		PHA331	Pioneer Hi-Bred	
	International, Inc.			International, Inc.	
PH288	O		PHA349	Pioneer Hi-Bred	
	International, Inc.			International, Inc.	
PH289	Pioneer Hi-Bred		PHA391	σ	
1 1 2	International, Inc.			International, Inc.	
PH308	Pioneer Hi-Bred		PHA429	Pioneer Hi-Bred	
	International, Inc.			International, Inc.	
PH309	·O		PHA432	()	
	International, Inc.			International, Inc.	
PH310			PHA651	Pioneer Hi-Bred	
	International, Inc.			International, Inc.	
PH328	Pioneer Hi-Bred		PHA82	Pioneer Hi-Bred	
	International, Inc.			International, Inc.	
PH333	Pioneer Hi-Bred		PHA86		
	International, Inc.			International, Inc.	
PH352	·O		PHB118	Pioneer Hi-Bred	
	International, Inc.			International, Inc.	
PH355	Pioneer Hi-Bred		PHB122		
	International, Inc.			International, Inc.	
PH356	Pioneer Hi-Bred		PHB151		
	International, Inc.			International, Inc.	
PH387LM	Pioneer Hi-Bred	*	PHB1CGQF		
	International, Inc.			International, Inc.	
PH410	Pioneer Hi-Bred		PHB279	~~~	
	International, Inc.			International, Inc.	
PH449	Pioneer Hi-Bred		PHB331	Pioneer Hi-Bred	
	International, Inc.			International, Inc.	
PH4KNYE	Pioneer Hi-Bred	Ħ	PHB349	Pioneer Hi-Bred	
	International, Inc.			International, Inc.	
PH538	Pioneer Hi-Bred	≯ i	PHB429	Pioneer Hi-Bred	
	International, Inc.			International, Inc.	
PHA118	Pioneer Hi-Bred	*	PHB432	Pioneer Hi-Bred	
	International, Inc.			International, Inc.	
PHA122	\sim	> 4	PHB82	.()	
1	International, Inc.			International, Inc.	
PHA151	. ()	> 4	PHB86	Pioneer Hi-Bred	
	International, Inc.			International, Inc.	

(*) No limit to the number of generations of certified seed beyond breeders seed.

KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.) PVPA	KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.) PVPA
SORGHUM PHBCWNL	σ	×	SOYBEAN 9007	\sim	7
PHBEPOYJ	International, Inc. Pioneer Hi-Bred	*	8006	International, Inc. Pioneer Hi-Bred	×
PHWIABQE	σ	¥	90210-30266		
R145	١ .		9041	Hi-Bred	*
K159 SORGHUM-SUDANGRASS	Novartis Seeds, inc.		9042	International, Inc. Pioneer Hi-Bred	>-
WKM III WKM IV	Walter K. Moss Walter K. Moss	> 1	9061	International, Inc. Pioneer Hi-Bred	
SOYBEAN 1082	Pioneer Hi-Bred		9062	International, Inc. Pioneer Hi-Bred	
1282	International, Inc. Pioneer Hi-Bred		9071	International, Inc. Pioneer Hi-Bred	X
2400	International, Inc. Novartis Seeds, Inc.		9091	International, Inc. Pioneer Hi-Bred	
293		X		International, Inc.	
29725K 3172	Latham Seed Company Novartis Seeds, Inc.		9092	Pioneer Hi-Bred International, Inc.	>
3202	Seeds,		90B21		*
3311 34870	Novartis Seeds, Inc. Latham Seed Company		90872	International, Inc. Pioneer Hi-Bred	>
3615			1	International, Inc.	4
38735L 5050	Latham Seed Company Jacob Hartz Seed Company.		90B93	Pioneer Hi-Bred International, Inc.	X
			9111		
5482	Pioneer Hi-Bred International, Inc.		9121	International, Inc. Pioneer Hi-Bred	
60524-30575	Midwest Oilseeds, Inc.		! !	International, Inc.	
6727	Seeds,		9131	.(1)	
6738	Seeds				
6847 6925	Novartis Seeds, Inc.		9132	Pioneer Hi-Bred	≯
6955	Seeds,		9141		>+
6995	Novartis Seeds, Inc.			International, Inc.	
7499		≯	9151		×
9004	Experiment Station Agriculture Canada	7	9161	International, Inc. Pioneer Hi-Bred	
				International, Inc.	

(*) No limit to the number of generations of certified seed beyond breeders seed.

TITLE V 1994 (GEN.) PVPA	*		> -	>	٠ ;	⋈				•	>	4					>		×		≯	;	₩	>	4	>	ŧ	>-		₩	*	X
APPLICANT	\sim	σ	International, Inc. Pioneer Hi-Bred	International, Inc.	International, Inc.	Fromeer Al-Bred International, Inc.		International, Inc. Pioneer Hi-Bred	International, Inc.		International, Inc. Pioneer Hi-Bred	International, Inc.		International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.	.()				Fromeer Al-Bred Trternational Inc	Pioneer Hi-Bred	International, Inc.			- 0	International, Inc.		International, Inc.	Fioneer hi-Bred International, Inc.
TITLE V 1994 KIND (GEN.) PVPA VARIETY	SOYBEAN 9244	Y 9251	9252	Y 9254	, c	77	Y 9271	9272	,	Y 9273	Y 9281		Y 9292		Y 9293		9294		92B01	(Y 92B05	2000	17875	92B23		92B51		Y 92B52		92B61	V 92B71	
APPLICANT	Pioneer Hi-Bred	ਰ	U	International, Inc. Pioneer Hi-Bred	International, Inc.	International, Inc.	U	International, Inc. Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	Inceinational, inc. Pioneer Hi-Bred	International, Inc.		International, Inc.			Pioneer Hi-Bred	International, Inc.		International, Inc.		Dionest Hi-Bred		Pioneer Hi-Bred	International, Inc.	.()	International, Inc.		International, Inc.	Floneer Al-Bred	Inceinational, inc. Pioneer Hi-Bred	International, Inc.
KIND VARIETY	SOYBEAN 9162	9163	9171	9172	9181		9182	9191	700	71801	91B52		91B64		ALBAL	()	9201	((3202		9204	9221		9231		9232		9234	0.041	7241	9242	

^(*) No limit to the number of generations of certified seed beyond breeders seed.

(*) No limit to the number of generations of certified seed beyond breeders seed.

TITLE V 1994 (GEN.) PVPA		Þe	Inc.	p	Inc.	⊼ A	, Inc.	pe	, Inc.	70	, Inc.	₹ pe	Inc.	7	Inc.	-70	Inc.	-73	Inc.	D	Inc.	Company	Company LLC Y	Company	Company	Company	Company	Company LLC Y	Company	Company		Company	Company	Company	Company	Company	Company	Company LLC Y		
APPLICANT		Pioneer Hi-Bred	International,	Pioneer Hi-Bred	International,	Pioneer Hi-Bred	International,	Pioneer Hi-Bred	International,	Pioneer Hi-Bred	International,	Pioneer Hi-Bred	International,	Pioneer Hi-Bred	International,	Pioneer Hi-Bred	International,	Pioneer Hi-Bred	International,	Pioneer Hi-Bred	International, Inc.	Asgrow Seed Co	Seed	Seed	Seed	Seed	Seed	Seed	Seed	Seed	Seed	Seed	Seed	Seed	Seed	Seed	Seed	Seed	Seed	
TITLE V 1994 KIND (GEN.) PVPA VARIETY	SOYBEAN	Y 9611		Y 9641		Y 9671		Y 9691		9711		9721		9751		9761		Y 9791		9831		A0358	A0868	A0949	A1214	A1395	A1525	A1553	A1662	Y A1895	A1900	A1923	A1929	A2012	A2187	A2234	A2242	マ	A2396	
APPLICANT		Pioneer Hi-Bred	₽	Pioneer Hi-Bred	International, Inc.	\mathbf{r}	International, Inc.			O	International, Inc.		International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	T.	Pioneer Hi-Bred	International, Inc.		International, Inc.	·()	ı		International, Inc.	Pioneer Hi-Bred	International, Inc.					Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.	Pioneer Hi-Bred	International, Inc.	
KIND VARIETY	SOYBEAN	9472		9481		9491		94B81		9501		9521		9531		9551		9552		9561		9571		9581	1	9582	(9583		9584		9591		9592		9593		95B33		17000

(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA	×	* *	₩	≽ı	在东东东东 丸	1 × × ×
TITLE V (GEN.)					¥ (2)	Y (3) Y (3)
APPLICANT	Asgrow Seed Company Asgrow Seed Company Asgrow Seed Company Asgrow Seed Company	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			ia Agr ment S Seed Seed Seed Seed Seed	Seed Company Seed Company Seed Company ota Agricultur ment Station ota Agricultur ment Station a USA, Inc. a USA, Inc.
TITLE V 1994 KIND (GEN.) PVPA VARIETY	SOYBEAN A4906 A4922 A4997 A5149	Y A5403 Y A5545 A5547		Y A6242 Y A6297 A6381 Y A6520 A6711 A6785 A6961 Y A7258	Accomac AG1901 Y AG2101 Y AG2201 AG3302 AG3302	AG3901 Y AG4602 Y AG38siz Y AJpha Y AP 120 AP 1650 AP 1650
APPLICANT	Asgrow Seed Company Asgrow Seed Company Asgrow Seed Company Asgrow Seed Company	% % % % % % % % % % % % % % % % % % %			x x x x x x x x x x x x x x x x x x x	
KIND VARIETY	SOYBEAN A2506 A2522 A2540 A2543	722	A2943 A3295 A3237 A3242	A3244 A3304 A3313 A3313 A3415 A3420 A3427	A3501 A3510 A3511 A3559 A3733 A3803	A3966 A4009 A4045 A4138 A4341 A4539 A4595 A4715

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA	≯		>	>
TITLE V (GEN.)	Y (3)	Y Y (3)	Y (2) Y (*) Y (*) Y (3) Y (3) Y (3)	Y (2) Y (3) Y (3)
APPLICANT	Ziller Seed Company, Inc. Ziller Seed Company, Inc. Ziller Seed Company, Inc. Ziller Seed Company, Inc. Ziller Seed Company, Inc. Ziller Seed Company, Inc. Ziller Seed Company, Inc. Illinois Agricultural Experiment Station Illinois Agricultural	Kentucky Agricultural Experiment Station Virginia Polytechnic Institute and State University Ohio Agricultural Research and Development Center, Ohio State	Kentucky Agricultural Experiment Station Kentucky Agricultural Experiment Station Illinois Agricultural Experiment Station Ohio Agricultural Research and Development Center, Ohio State University Ohio Agricultural Research and UsDA-ARS Virginia Polytechnic Institute and State	University Illinois Agricultural Experiment Station Novartis Seeds, Inc. Novartis Seeds, Inc.
KIND VARIETY	SOYBEAN BT 1422 BT 1790 BT 2585 BT 2877 BT 2911 BT 2919 Buckshot 723 Burlison	Calhoun Camp Century 84	CF461 Chamberlain Charleston Charleston	Cisne Coker 355 Coker 368
1994 PVPA			*	
TITLE V (GEN.)	•	Y (3)	Y (3) Y (3) Y (3)	Y (3)
TI	Advanta USA, Inc. Advanta USA, Inc. Advanta USA, Inc. Advanta USA, Inc. Advanta USA, Inc. Advanta USA, Inc. Advanta USA, Inc. Advanta USA, Inc. Advanta USA, Inc.	usa, ate Un h Foun Hi-Br tional s of t ity of s Seed	Seeds, Seeds, ty of Il ersity o Foundat a Agricu nt Stati Foundat nc. of the ty of Mi rolina ural Res and USDA	Experiment Station Iowa Agriculture and Home Economics Experiment Station

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA		×	>	Н		≯		≯		≯₁		≻		×	×		×	> +		>		×		≯		×				≻	⊁		₩		≯					
TITLE V (GEN.)																																			Y (3)	Y (3)		Y (*)		
APPLICANT		DEKALB Genetics	Corporation	Ornorstion	DEKALB Plant Genetics	DEKALB Genetics	ന	DEKALB Genetics	Corporation	DEKALB Genetics	Corporation	DEKALB Genetics	Corporation	DEKALB Plant Genetics	DEKALB Genetics	Corporation	DEKALB Plant Genetics		Corporation	DEKALB Genetics	Corporation	DEKALB Genetics	Corporation	DEKALB Genetics	Corporation	DEKALB Genetics	Corporation	DeKalb-Pfizer Genetics	Plant	DEKALB Plant Genetics	DEKALB Genetics	Corporation	DEKALB Genetics	Corporation	NDSU Research Foundation	Minnesota Agricultural	Experiment Station	1	Experiment Station	
KIND	SOYBEAN	CX313	7,000	# T C & C	CX329	CX335		CX339C		CX351		CX360		CX377	CX394c		CX399	CX411		CX414CRR		CX433RR		CX434		CX445		CX458	CX469c	CX478	CX496c		CX499c		Danatto	Dassel		Dawson		
1994 PVPA													×			₩			H		≻			≯	₩		≯	₩		≯			×		×			;	≻₁	
TITLE V (GEN.)			(3)			Y (1)		Y (3)			Y (3)		Y (3)																											
TI		Seeds,	Novartis Seeds, Inc.	Soods	Seeds,	Collier-Ba	-	Iowa Agriculture and Home	Economics Experiment	Station	Maryland Agricultural	Experiment Station	NDSU Research Foundation	Callahan Enterprises,	Inc.	DEKALB Genetics	Corporation	DEKALB Plant Genetics	DEKALB Genetics	Corporation	DEKALB Genetics	Corporation	DEKALB Plant Genetics	DEKALB Plant Genetics	DEKALB Genetics	Corporation	DEKALB Plant Genetics	DEKALB Genetics	Corporation	DEKALB Genetics	Corporation	DEKALB Plant Genetics	DEKALB Genetics	Corporation	DEKALB Genetics	tion	DEKALB Plant Genetics		DEKALB Genetics	Corporation
KIND VARIETY	SOYBEAN		Coker 425	COKEL 480		O)		Conrad			Corsica		Council	CS24		CX046		CX121	CX173		CX205		CX210	CX228	CX232		CX248	CX252		CX260c		CX267	CX278		CX284c		CX291	CX298	CX300	

^(*) No limit to the number of generations of certified seed beyond breeders seed.

SOYBE uri Y (3) DP uri Y (3) DP uri Y (3) DP DP DP DP DP DP DP DP	AN 3571S Delta and Pine Company Delta and Pine Company Delta and Pine Company Delta and Pine Company Delta and Pine Company Delta and Pine Company Delta and Pine Company Delta and Pine Company Delta and Pine Company Delta and Pine Company Delta and Pine	ne Land ne Land ne Land ne Land ne Land ne Land
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DSR-1	Seed Seed Seed	Company.
a Y (2) Y	Inc.	
Kesearch Foundation, Inc. Agricultural Research Y (3) Y	55 Dairyland Seed	d Company,
		d Company, Y (2)
DSR-2	62	d Company,
ָרָנָה קרים בים		d Company,
	Inc. Dairyland	Seed Company,

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA	×	>-		×										\$	н												
TITLE V (GEN.)	Y (3)	Y (*)	Y (3)	Y (3)	Υ (3)	Y (3)		Υ (2)			Y (2)				r (3)												
APPLICANT	Center, Ohio State University Minnesota Agricultural	Ohio Agricultural Research and Development	Center Agratech Seeds Inc.	Minnesota Agricultural Experiment Station	Minnesota Agricultural	Ohio Agricultural	Research and Development	Ohio Agricultural	Research and Development	Center, Ohio State	Onio Agricultural	n and	Center, Ohio State	University	Minnesota Agricuiturai Experiment Station		Foundation, Inc.	b Hartz		Jacob Hartz Seed Company,	Inc.	וומד כק ספפת	Jacob Hartz Seed Company,		Jacob Hartz Seed Company,	Jacob Hartz Seed Company,	Inc. Jacob Hartz Seed Company,
KIND VARIETY	Freeborn	General	GK-67	Glacier	Glenwood	Gnome 85		GR8836			GR8936			(1 2 3	פדמוודרה	Gutwein 225		H4464	1	H507	88054		H5566		н608	н639	H6397
1994 PVPA										≯						×			×				×				
TITLE V (GEN.)	(2)			(3)			(3)		(3)	(3)																	(3)
H .		· >-		> +			×		×	×																	
APPLICANT	Dairyland Seed Company, Inc.	yland Seed Company,	Inc. Dairyland Seed Company,	Inc. Ohio Agricultural Y	Research and Development			Station	Hartwig, USDA	Minnesota Agricultural Y	FFR Cooperative			FFR Cooperative	FFR Cooperative		FFR Cooperative				FFR Cooperative		FFR Cooperative	FFR Cooperative	FFR Cooperative		Onio Agricultural Research and Development

^(*) No limit to the number of generations of certified seed beyond breeders seed.

Inc.

KIND VARIETY	APPLICANT	TITLE V 1994 (GEN.) PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
SOYBEAN H7190	Jacob Hartz Seed Company,		SOYBEAN Hartz 914	Jacob Hartz Seed Company,		
H8558	Inc. Jacob Hartz Seed Company,		Hartz 9190	b Hartz Seed	Υ (3)	
Наск	Inc. Illinois Agricultural	Υ (3)	Hartz 922	Inc. Jacob Hartz Seed Company,		
Hamilton Harner 87		Y (3)	Hartz H4994 RR	Hartz Seed - A Unit of		>
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			Hartz Variety H 6255	Jacob Hartz Seed Company,		> +
Hartwig	Curators of the University of Missouri	Y (3)	Hartz variety H4998 Roundun Readv	Hartz Seed - A Unit of		> +
Hartz 5164	b Hartz		Haskell	ty of Georgia	Y (2)	≻⊣
Hartz 5171	Jacob Hartz Seed Company,		Hawkson	Research Foundation, Inc. Identity Seed and Grain		
Hartz 5252	Jacob Hartz Seed Company,		Hayes	1)	Y (2)	
Hartz 5370	Jacob Hartz Seed Company, Inc.			Research and Development Center, Ohio State University		
Hartz 6130	Jacob Hartz Seed Company, Inc.		Hendricks	Minnesota Agricultural	Y (3)	⊱
Hartz 6200	Jacob Hartz Seed Company, Inc.		Hobbit	Ohio Agricultural	Y (3)	
Hartz 6372	Jacob Hartz Seed Company, Inc.		Hobbit 87		(3)	
Hartz 6383	Jacob Hartz Seed Company, Inc.			Research and Development Center and USDA-ARS		
Hartz 6383R	Jacob Hartz Seed Company,		Holladay	North Carolina	Y (3)	⊱⊣
Hartz 6385	Jacob Hartz Seed Company, Inc.		HP 30338	Agirculuial Resealon Service and USDA-ARS Advanta USA. Inc.		
Hartz 6686	Jacob Hartz Seed Company, Inc.		് ഗ്ര	k, Inc		
Hartz 7110	Jacob Hartz Seed Company, Inc.					
Hartz 7126	Jacob Hartz Seed Company,		HS 321			
Hartz 8112	Jacob Hartz Seed Company, Inc.		34	Growmark, inc. Growmark, Inc.		

^(*) No limit to the number of generations of certified seed beyond breeders seed.

ND VARIETY	TAPPLICANT	TITLE V 19 (GEN.) PY	1994 K PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
	W 74 W W W W	•		SOYBEAN KG20 KG30 KG60 KG70 Kosuzu	King Grain, Inc. King Grain, Inc. King Grain, Inc. King Grain, Inc. Tohoku National Agricultural Experiment Station, Ministry of Agriculture, Forestry and		
	Genecorp, inc. Genecorp, Inc. Genecorp, Inc. Stanford Seed Company	(1) (2) (4) (4) (4) (4)	H > H	KS 3494 KS4390	Fisheries Kansas Agricultural Experiment Station Kansas Agricultural	Y (3) Y (3)	×
	University Hyperformer Seed Company University of Georgia Research Foundation, Inc. Illinois Agricultural Experiment Station The Lubrizol Corporation	Y (2) Y (3) Y (3) Y (3)	* * * *	KS5292 Kunitz L1771 L2330 L2333 L4207 Lambert Leflore Leslie	Experiment Station Kansas Agricultural Experiment Station University of Illinois Land O'Lakes, Inc. Land O'Lakes, Inc. Land O'Lakes, Inc. Land O'Lakes, Inc. Land O'Lakes, Inc. Land O'Lakes, Inc. Minnesota Agricultural Experiment Station Mississippi Agricultural and Forestry Experiment Station and USDA-ARS Minnesota Agricultural Experiment Station Iowa Agriculture and Home Economics Experiment	(3) (3) (3) (3) (3) (4) K (4) (5) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	×
	Minnesota Agricultural Experiment Station Purdue University Agricultural Experiment Station Iowa Agriculture and Home Economics Experiment Station	Y (3) Y (3)		Magellan Manokin	Station Illinois Agricultural Experiment Station The Curators of the University of Missouri Maryland Agricultural Experiment Station	Y (2) Y (2) Y (3)	₩

^(*) No limit to the number of generations of certified seed beyond breeders seed.

7 1994 PVPA				> >> >>
TITLE V (GEN.)	Y (3) Y (3) Y (3)	¥ (3)	Y (3) Y (3)	
APPLICANT		and SEA, USDA BSF Ag Research Purdue University, Indiana Agricultural Experiment Station Novartis Seeds, Inc. Novartis Seeds, Inc.	Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Purdue University Agricultural Experiment Station and USDA-ARS Ohio Agricultural Research and Development Center, Ohio State University Ohio Agricultural Research and USDA-ARS The Lubrizel Corporation	Lubrizol nta USA, rtis Seed rtis Seed rtis Seed rtis Seed rtis Seed
KIND VARIETY	SOYBEAN Pennyrile Pershing Piatt	PRN-82 Probst RA-403 RA-405 RA-451	RA-452 RA-502 RA-580 RA-606 Regal Resnik Ripley	Riverside 303C RS 2330 S00-66 S00-88 S06-57 S07-80 S08-80 S09-95 S12-22
1994 PVPA		≯	***************************************	
TITLE V (GEN.)	Y (3) Y (2) Y (2)	Y (3) Y (2)	X (3) X (4) X (5) X (4) X (4) X (5) X (4) X (5) X (6) X (7) X (8) X (9) X (10) X	Y (3) Y (3)
APPLICANT	Iowa Agriculture and Home Economics Experiment Station The Curators of the University of Missouri South Carolina Agricultural Experiment	Virginia Agricutural Virginia Agricutural Experiment Station Purdue University Agricultural Experiment Station Minnesota Agricultural Experiment Station	Novartis Seeds, Inc. Minnesota Agricultural Experiment Station South Carolina Agricultural Experiment Station The Curators of the University of Missouri King Agro Inc. NDSU Research Foundation Ohio Agricultural Research and Development Center, Ohio State University Ohio Agricultural	Research and Development Center, Ohio State University Minnesota Agricultural Experiment Station Minnesota Agricultural Experiment Station North Carolina Agricultural Research Service and USDA-ARS
KIND VARIETY	SOYBEAN Marcus Maverick	S-591 ami nnatto	Musen Mustang NattoKing K86 Norpro Ohio FG1	Ozzie Parker Pearl

(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA	⋈	>-	× × ×	× × ×
TITLE V (GEN.)		(*) X		¥ (*)
APPLICANT	Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc.			ейронд тор
KIND VARIETY	SOYBEAN S39-93 S39-99 S42-30 S42-32 S42-40	_	7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	NOTO TO THE TOTAL TO THE TAIL TO THE THE TAIL TO THE TAIL TO THE TAIL TO THE TAIL TO THE TAIL TO THE T
TITLE V 1994 (GEN.) PVPA	* * *	· > >	-ı >-ı	
APPLICANT	Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc.	is Seeds, is Seeds, is Seeds, is Seeds, is Seeds,	is seeds, is see	is so e e ds, is so e e ds, is so e e ds, is so e e ds, is so e e ds, is so e e ds, is so e e e ds, is so e e e ds, is so e e e ds, is so e e e ds, is so e e e ds, is so e e e ds, is so e e e ds, is so e e e ds, is so e e e ds, is so e e e ds, is so e e e ds, is so e e e ds, is so e e e e e e e e e e e e e e e e e e
KIND VARIETY	SOYBEAN S12-49 S13-76 S14-60 S15-50 S17-18	\$20-20 \$20-20 \$20-20 \$20-26 \$21-98	\$223 - 03 \$23 - 03 \$23 - 05 \$23 - 12 \$24 - 24 \$25 - 07 \$25 - 15 \$27 - 10	\$228 \$228 - 101 \$229 - 111 \$229 - 111 \$230 - 111 \$330 - 31 \$331 - 31 \$334 - 119 \$336 - 35 \$39 - 111

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA	7		* * * :	ы		7	×	₩	>-			>-	4		
TITLE V (GEN.)	Y (3)	Y (3)		۲ (*)	Y (3)	Y (2)	Y (2)	Y (3)	Y (3)	Y (*.)				Y (3)	¥ (*)
APPLICANT	Terral Seed, Inc. Terral Seed, Inc. Terral-Norris Seed	y, inc. -Norris Y, Inc.	Terral Seed, Inc. Terral Seed, Inc.	.⊣ C	ssee iment	RL I	1 74;	Experiment Station Agricultural Research Service IRDE	Minnesota Agricultural Experiment Station		Center, The Ohio State University Research Foundation E. I. du Pont de Nemours	Company	Purdue University Agricultural Experiment Station	North Carolina Agricultural Research Service	Ohio Agricultural Research and Development Center, Ohio State University
4 KIND A VARIETY	SOYBEAN Terra-Vig 6253 Terra-Vig 6792 Terra-Vig 717	>	Terral TV5495 Terral TV5666RR			TN 5-95	Toyopro	Tyrone	UM-3	Vertex	W20	Wicomico	Winchester		Zane
1994 PVPA															≻
TITLE V (GEN.)	¥ (3)	Y (3)	Y (*)	Y (3)	(3)		(3)	(3)				(*)	(3)	(3)	(3)
					* *		≯	>-				×	×	×	×
APPLICANT	Ohio Agricultural Research and Development Center, Ohio State University	Helena Chemical Company Minnesota Agricultural	Experiment Station Minnesota Agricultural Experiment Station	cultural Station	rersity	Agricultural Experiment Station and USDA-ARS	(((earch Inc.	Southern States Cooperative, Inc.	Southern States Cooperative, Inc. Southern States Cooperative, Inc.	λ Α	nt Station hemical Company orris Seed	Seed	Terral-Norris Seed Company, Inc. Terral-Norris Seed Company, Inc.

(*) No limit to the number of generations of certified seed beyond breeders seed.

VARIETY	APPLICANT	(GEN.)	PVPA	VARIETY	APPLICANT	(GEN.)	PVPA
	Arkansas Agricultural Experiment Station	Y (3)	≯	TOBACCO K346 K358 K394	Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc.	(
SQUASH Allie Swan White Table Queen Whitaker STEIRODISCUS Gold Rush SUNFLOWER 687 Lyngs Premier California Greystripe PHA043 PHA052	therin therin th Far (esearc on, Inc. ng Co. lad Ben li-Bred onal, li-Bred onal, li-Bred	> +	>+ >+ >+ >+ >+ >+ >+ >+ >+ >+ >+ >+ >+ >	Speight G-108 Speight G-117 Speight G-117 Speight-G-80 71-72 71-75 888 Apex 1000 Baxter's Early Bush Cherry Beall's Gourmet Butte Colusa CX 8106 Diablo DNAP-17	d Har har har har har har har har hologon hologon har har har har har har har har har har		
176 206 371 Gold	Pioneer Hi-Bred International, Inc. Novartis Seeds, Inc. K. Sahin, Zaden B.V., and Dr. Ir. E. Sahin The Teff Company Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc.	Y (2) Y (3) Y (3)	> 1	Easy Harvest Easy Winner Enduro Florida 7060 Florida 7171 Harris Moran 3075 Horizon	Corporation Campbell Soup Company, Campbell Institute for Research and Technology Campbell Soup Company, Campbell Institute for Research and Technology Harris Moran Seed Company Florida Agricultural Experiment Station Florida Agricultural Experiment Station Florida Agricultural Experiment Station Florida Agricultural	(*) X	

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA

KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE (GEN.)
TOMATO Indiana 812	Purdue University Agricultural Experiment Station			TOMATO NC EBR-3	North Carolina Agriculture Research	
KGM 963 Micro-Tom	ี น		×	NC EBR-4	Service North Carolina Agriculture Research	
Monte Verde	Experiment Station North Carolina Agricultural Research			Ohio 7983	()	
Mountain Gold	Service North Carolina Agricultural Research			Ohio 8243	Center, Ohio State University Dr. Stanley Z. Berry and	
MURRIETA II Mystro	Service Harris Moran Seed Company Sunseeds Company	8-5-1		Orion P-19	The Ohio State University Harris Moran Seed Company Seminis Vegetable Seeds,	
NC 109	North Carolina Agriculture Research Service			Peelmech Peto 111		
NC 1C	North Carolina Agricultural Research Service				Vegetable	
NC 1y	North Carolina Agriculutral Research Service Dr. R.G. Gardner		₩	Peto 460 Promo		
	(breeder) North Carolina Agricultural Research Service			Ramsay Rio Colorado	Campbell Soup Company, Campbell Institute for Research and Technology Seminis Vegetable Seeds,	
NC 2y	North Carolina Agriculutral Research Service Dr. R.G. Gardner (breeder)		₩	Sun 1643 Sun 6095	Inc. Sunseeds Company Sunseeds Company	
NC 8276	North Carolina Agricultural Research Service			Tioga	Campbell Soup Company, Campbell Institute for	
NC 8288	North Carolina Agricultural Research Service			VF 9209 XP 5034	Harris Moran Seed Company Seminis Vegetable Seeds,	
NC 84173	North Carolina Agricultural Research Service			Yuba TREFOIL, BIRDSFOOT	Harris Moran Seed Company	

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA	**********		> >>	>
TITLE V (GEN.)	h		Y (3) Y (3)	х (3)
APPLICANT	Sakata Seed America, Inc. Waller Flowerseed Company Waller Flowerseed Company Waller Flowerseed Company Waller Flowerseed Company Waller Flowerseed Company Waller Flowerseed Company The University of		Novartis Seeds, Inc. Abbott & Cobb, Inc. Alabama Agricultural Experiment Station Alabama Agricultural Experiment of Horticulture Alabama Agricultural Experiment of Horticulture Alabama Agricultural Experiment Station, Department of	Alabama Agricultural Experiment Station Barham Seeds, Inc.
KIND VARIETY	VINCA Little Salmon Mediterranean Lilac Pacifica Apricot Pacifica Deep Orchid Pacifica Lilac Pacifica Pink Pacifica Punch Pacifica Red	Passion Peppermint Cooler Pink Panther Tropicana Blush Tropicana Bright Eye Tropicana Rose	90-4228 ACX-5451 AU-Golden Producer AU-Jubilant AU-Producer	AU-Sweet Scarlet B26
1994 PVPA	* * * * * * * * * * * * * * * * * * * *	> 1	≯ ≯	× ×
TITLE V (GEN.)	Υ (3)	Y (1)		
APPLICANT	University of Kentucky USDA, Agricultural Research Service Resource Seeds, Inc. Resource Seeds, Inc. Resource Seeds, Inc. Resource Seeds, Inc. Drs. Fred C. and Nancy A.	Drs. Fred C. and Nancy A. Elliott Drs. Fred C. and Nancy A. Elliott Agrecol Corporation Resource Seeds, Inc. Resource Seeds, Inc. Resource Seeds, Inc. Drs. Fred C. and Nancy A. Elliott Fred C. Elliott Goertzen Seed Research Resource Seeds, Inc. Resource Seeds, Inc. Resource Seeds, Inc.	Resource Seeds, Inc Zelder B.V. S&G Seeds B.V. S&G Seeds B.V. S&G Seeds B.V. S&G Seeds B.V. S&G Seeds B.V. S&G Seeds B.V.	John Bodger & Sons Co. John Bodger & Sons Co. John Bodger and Sons Company
			Victoria TURNIP Mosa VERBENA, ANNUAL Romance Deeprose Romance Scarlet Romance Scarlet Romance White VINCA Grape Cooler Heat Wave Grape	Peppermint Pink White

(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA			≻ :	> +	≯	*
TITLE V (GEN.)	Y (3)	Y (2) Y (2) Y (2)	Y (2)			
APPLICANT	.d : C .d	Experiment Station Kansas Agricultural Experiment Station NDSU Research Foundation NDSU Research Foundation Pioneer Hi-Bred International, Inc.	NDSU Research Foundation Pioneer Hi-Bred International, Inc.		0 0 0	International, Inc. Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc.
1994 KIND PVPA VARIETY	WHEAT, COMMON 2163 2165 2172	Y Y 2370 2371 2375 2385	Y 2398 . 2510	2540 2548 Y 2551 Y 2552 2555	Y Y 2566 Y 2568 Y 2571	25R26 25R57
TITLE V 19 (GEN.) PV			(*) X		Y (3)	Y (3)
APPLICANT		Novartis Seeds, Inc. Coffey Seed Company Iowa State University FreshWorld Farms, Inc. Florida Agricultural Experiment Station Novartis Seeds, Inc. Willhite Seed Inc.	FreshWorld Farms, Inc. Coffey Seed Company Louisiana Agricultural	a maen pa men pa pa pa pa pa pa pa pa pa pa pa pa pa	Abbott & Cobb, Inc. Abbott & Cobb, Inc. Abbott & Cobb, Inc. Coffey Seed Company Kansas Agricultural Experiment Station Pioneer Hi-Bred	Incernational, inc. Kansas Agricultural Experiment Station Kansas Agricultural Experiment Station
KIND VARIETY	WATERMELON Big Crimson Bush Charleston Gray Bush Jubilee Charlee	Charleston Ellte Cutter 55 IA-1 Jimmy Jubilee II Juliett Legacy	Lisa Long Crimson Louisiana Sweet	Mickylee Minilee QUETZALI Summer Flavor-800 Summer Flavor-900 Sunsugar Sweet Treat Tastigold	W-9809 W-9811 W-9812 Yellow Crimson WHEAT, COMMON 2137	2157

(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA		¥		>-	>	×
TITLE V (GEN.)	Y (3) Y (2)	¥ (3) X (3)	Y (*) Y (3)	Y (3) Y (3)	Y (*) Y (*) Y (2)	X (3) Y (3) Y (3) Y (3)
APPLICANT	וו כי ע	Research and Development Center, Ohio State University World Wide Wheat L.L.C. Colorado State University Board of Regents, University of Nebraska	Western Plant Breeders, Inc. Board of Regents, University of Nebraska	Kansas Agricultural Experiment Station Kansas Agricultural Experiment Station Florida Agricultural Experiment Station	ch See tional comp Plant Plant Passi	Center, Ohio State University Agripro Seeds, Inc. HybriTech Seed International, A Unit of Monsanto Company HybriTech Seed International, Inc. Agripro Seeds, Inc.
KIND VARIETY	Adder Adena	Admire Akron Alliance	Apex 83 Arapahoe	Arkan Arlin ATW 270	B1183 Baker Basin Becker	Bergen Big Dawg Bighorn Blazer
1994 PVPA	* *	>+ >	- >- >-	> +		
TITLE V (GEN.)				Υ (2)	Y (3) Y (3)	X (3) Y (3) Y (3) Y (3)
APPLICANT	ס ס	International, Inc. Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc.	International, Inc. Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc.	-Bred nal, sity founda	_	International, Inc. HybriTech Seed International, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Agripro Seeds, Inc.
KIND VARIETY	WHEAT, COMMON 25W33 25W60	2628 2643 2684	26R46 26R61	2737W . 522W 5469 5630	715 775 7805 7833	7846 814 822 9227 9323 Abilene

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA		₩		*****	> >₁	>
TITLE V (GEN.)	Y (3)		(a) (a) (a) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	, ,		Y (3) Y (3)
APPLICANT	Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc.		Novartis Seeds, Inc. Novartis Seeds, Inc. Novartis Seeds, Inc. Board of Regents, University of Nebraska and USDA-ARS Purdue University	Agricultural Experiment Station and USDA-ARS Western Plant Breeders HybriTech US, a Monsanto Company Board of Regents,	University of Nebraska Western Plant Breeders Agripro Seeds, Inc. Dr. Peter Franck Goertzen Seed Research Kansas Agricultural Experiment Station	Research and Development Center, Ohio State University HybriTech US, a Monsanto Company NDSU Research Foundation Agripro Seeds, Inc.
KIND VARIETY	WHEAT, COMMON Coker 9105 Coker 9134 Coker 916 Coker 9474		, , , , O n o o o o d n o o o o d		Cuyama Dalen Dandy Discovery Dodge	Elkhart Elkhorn Erik
1994 PVPA	> -	* *	≯	* *		
TITLE V (GEN.)	Υ (3)	¥ (3)	Y (3) Y (3)	Y (3) Y (2) Y (2)	(2) (3)	(3) (3) (3)
E	anto Ss.	tr i			* **	KK K K.
APPLICANT	Idaho Agricultural Experiment Station HybriTech US, a Monsanto Company Western Plant Breeders,	ch Seed cional, compa	Agripro Seeds, Inc. Cornell Research Foundation, Inc. Ohio Agricultural Research and Development Center, Ohio State University	Columbia Basin Seeds University of Maryland World Wide Wheat L.L.C. Cornell Agricultural Experiment Station Agripro Seeds, Inc.	Idaho Agricultural Experiment Station Board of Regents, University of Nebraska and USDA-ARS Michigan State University Y Purdue University	0

(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA	₩			₩			> +	> +				
TITLE V (GEN.)	(3) × ×		Y (3) Y (2)	Y (2)	Y (3)	Y (2)	Y (3) Y (2)	Y (3) Y (2)	¥ (2)	Y (2)	¥ (2)	
APPLICANT	Kentucky Agricultural Experiment Station	Research and Development Center, Ohio State University	Goertzen Seed Research Inc. University of Georgia	Research Foundation, Inc. University of Georgia		Cornell University Agricultural Experiment Station	Monsanto Company Wisconsin Agricultural	NDSU Research Foundation The Ohio State University Research Foundation	Ohio Agricultural Research and Development Center, Ohio State University	Ohio Agricultural Research and Development Center, Ohio State University	Ohio Agricultural Research and Development Center, Ohio State University	Ohio Agricultural Research and Development Center, Ohio State University
KIND VARIETY	WHEAT, COMMON Foster		G1878 GA-Dozier	GA-Stuckey	Garland	Geneva	Gibson Glacier	Glupro GR 855	GR860	GR863	GR876 .	GR915
1994 PVPA	* *	≯ +		≽ı			⇒ >	4	≽ı			≽ı
7. 1.5												
> ~	¥ (3)	Y (3) Y (3)	¥ (*)			Y (3)		Y (3)	Y (2)	Y (3)	Y (3)	Y (3)
		Y (3) Y (3) nt	State State Y R	Inc. Virginia Agricultural	sch al Proper		eders,	Cooperative Cooperative lue University Y (3)	(2)	Agricultural sent Station Agricultural	₩ ₩	(3)

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA		⊁	>	4	>-								≯			> +	÷≯⊣				>						>-							≯					> 4	
TITLE V (GEN.)		Y (2)	(3)		Υ (*)	Y (3)	Y (3)		Y (3)		Y (3)		Y (2)				Y (3)		Y (3)		Y (3)		Y (3)	¥ (3)			Y (2)	Y (3)	Y (2)	•		Y (3)		Y (3)	•		Y (3)		Y (3)	
APPLICANT			Experiment station Kansas Adricultural	Experiment Station		Agripro Seeds, Inc.	Colorado State University	The Andersons	Kansas Agricultural	Experiment Station	Kansas Agricultural	Experiment Station	The Board of Trustees of	the University of	Illinois	NDSU Research Foundation	NDSU Agricultural	Experiment Station	HybriTech US, a Monsanto		HybriTech US, a Monsanto	••	McIntyre-Pyle Seeds, Inc.	Inc.	σ		Michigan State University	Plant Breeders 1, Inc.	Virginia Agricultural	Experiment Station	Agripro Seeds, Inc.	HybriTech US, a Monsanto		HybriTech Seed	International, A Unit of	Λu			nsanto	Company
KIND VARIETY	WHEAT, COMMON	Ø	Jagger	 	Jaypee	Jesse	Jules	Karena	Karl		Karl 92		Kaskaskia			Keene	KULM		Laredo		Lars		Leif	Lincoln	Longhorn		Lowell	Mac-1	Madison		Magnum	Mallard		Marion			Marshall		Mason	
1994 PVPA				×			≯	≯			₩	×			Ħ						Ħ		≯							×			≯					×		
TITLE V (GEN.)		Y (2)		Y (3)	Y (3)		Y (3)	Υ (3)			\sim	Y (3)		Y (3)			Y (3)		Y (2)	_	Y (3)		Y (3)			Y (3)	Y (3)	Y (3)	Y (3)	Y (3)			Y (3)					Y (3)		
APPLICANT		Purdue University,	Experiment Station		South Dakota Agricultural	Experiment Station	Advanta USA, Inc.				a)	HybriTech US, a Monsanto		Goertzen Seed Research	HybriTech US, a Monsanto	Company	HybriTech US, a Monsanto		Michigan State University	Inc.		Experiment Station	HybriTech Seed	International, A Unit of	Monsanto Company	• [Agripro Seeds, Inc.	Seeds,	Agripro Seeds, Inc.		Idaho Agricultural	Experiment Station		Experiment Station	Purdue University	Agricultural Experiment	Station	HybriTech Seed	International, A Unit of	Monsanto Company
KIND VARIETY	WHEAT, COMMON	Grant		GSR 2500	Guard		Gunner	Hagar			Halt	Hamer		Haven	Hickok		Hickory		Hillsdale	Hipro	HJ98		Hondo				HR 48	HR 53		Idaho 377s			Ike		INW8841			IVAN		

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA	≯	>	×		>ı >ı				₩		à V	ж						>	4	>							
TITLE V (GEN.)	Y (3)	Y (3)	Y (3)		Y (2)		Y (3)	Y (2)	Y (3)			(7) X	Y (3)		Y (3)		Y (3)	(3)		Y (3)		Y (3)	Y (3)		Y (3)		Υ (3)
APPLICANT		Monsanto company HybriTech Seed International, A Unit of	icultı	Experiment Station	Purdue University HybriTech Seed	International, A Unit of Monsanto Company	HybriTech US, a Monsanto		Experiment Station HybriTech Seed	International, A Unit of	Monsanto Company	Virginia Agricultural Experiment Station	World Wide Wheat L.L.C.	HybriTech US, a Monsanto	Company HybriTech US, a Monsanto			International, Inc.		Colorado Wheat Research	Foundation	0	Board of Regents,	and USDA-ARS	Board of Regents,	University of Nebraska	Agripro Seeds, Inc.
KIND VARIETY	WHEAT, COMMON Ontario	Oro Blanco	Oxen	:	Patterson Patton		Pecos	Pennmore	Platte			Focallonicas	Poco Red	Ponderosa	Pontiac		Pony	סט סייייפיס		Prowers		RAM	Rawhide		Redland	RHC 8030	
1994 PVPA	>	н					⊱				≯	×		×				>	4			;	⊶	×			
TITLE V (GEN.)	Y (3)		Y (3)	Y (3)	Y (3)	Y (3)	Y (2)				`	(3) K		Y (3)			Y (3)	(3)		Y (3)		¥ (3)	¥ (3)	Y (2)		(3)	
T. APPLICANT	Agripro Seeds, Inc.	Michigan State University Idaho Agricultural Experiment Station		ds, Inc	Richardson Seeds, Inc. Sogetal, Inc.	Minnesota Agricultural Experiment Station	University of Georgia	T)	Florida Agricultural Experiment Station			Agilpio Seeds, inc. University of Nebraska &	USDA/ARS	Jose Buck S.A.	HybriTech Seed International, Inc.	Agripro Seeds, Inc.		Experiment Station . Highrifierh 118 a Monsanto	Company	Minnesota Agricultural	Experiment Station	Agripro Seeds, Inc.	Research and Development	• ~	Agricultural Experiment	Station Hybritech HS. a Monsanto	3

^(*) No limit to the number of generations of certified seed beyond breeders seed.

	APPLICANT	TITLE V (GEN.)	1994 PVPA	KIND VARIETY	APPLICANT	TITLE V (GEN.)	1994 PVPA
				WHEAT, COMMON			
O	Cebeco Zaden B.V.	Y (3)	×		Agripro Seeds, Inc.	Y (3)	
田		Y (3)		Success	Seeds,	Y (3)	
H	International, Inc.			Sunstar II	Sunderman Breeding Inc.	Y (3)	
二	HybriTech US, a Monsanto	Y (3)	> +	Sunstar Promise	Sunderman Breeding Inc.	Y (2)	
O	Company			Symphony	Tainio Technology and	Y (3)	
24	Resource Seeds, Inc.	×	×		Technique, Inc.		
W	South Dakota Agricultural		×	Syringa	Plant Breeders 1, Inc.	Y (3)	
山	Experiment Station			TAM 107	~		
Д	Plant Breeders 1, Inc.	Y (3)			Experiment Station		
>	Virginia Agricultural			TAM 108	()		
团			•		Experiment Station		
工	HybriTech US, a Monsanto	Y (3)		TAM 109	Texas Agricultural	Y (2)	
O					Experiment Station		
工	HybriTech US, a Monsanto	Y (3)		TAM 202		Y (3)	
O	Company				Experiment Station		
D	United Grain Growers	Y (3)	×	TAM 300	Texas Agricultural	Y (3)	
Н	Limited and Agripro				Experiment Station		
ß	Seeds, Inc.			Tammy	World Seeds, Inc.	Y (3)	
Н	Illinois Agricultural	Y (3)		Telemark	Agripro Seeds, Inc.	Y (3)	
F	Experiment Station and			Terral 1011	Terral-Norris Seed		×
D	USDA-ARS				Company, Inc.		
15	Western Plant Breeders,		×	Terral 877	Terral-Norris Seed		
Н	Inc.				Company, Inc.	•	
يلو	HybriTech Seed	Y (3)	×	Terral TV8555	Terral Seed, Inc.		>4
Н	International, A Unit of			Thunderbird	Agripro Seeds, Inc.	Y (3)	
2;	m			Thunderbolt	Monsanto Company	Y (3)	>4
بلو	HybriTech US, a Monsanto	Y (3)	>4	Tomahawk	HybriTech US, a Monsanto	Y (3)	
O					Company		
工	HybriTech US, a Monsanto	Y (3)		Trailblazer	Agripro Seeds, Inc.	Y (3)	
0	Company			Traveler	Agripro Seeds, Inc.	Y (3)	
Щ	Board of Regents,	Y (3)		Trenton	NDSU Research Foundation	Y (3)	>
D	University of Nebraska			Twain	Agripro Seeds, Inc.	Y (3)	
w	and USDA-ARS			Vance		Y (3)	
H	Texas Agricultural	Y (3)					
щ	Experiment Station			Vandal	Idaho Agricultural		
щ			×		Experiment Station		
н ;	• —			Vanna	Western Plant Breeders,		×
2 ; i1	Monsanto company				Inc.		
G O	Aybiiech Us, a Monsanto Company	F (3)		Verde	Minnesota Agricultural	¥ (3)	>-
,	Z modulo						

^(*) No limit to the number of generations of certified seed beyond breeders seed.

1994 PVPA		>							×	>-		>		>-	×	×	×			×	×												>						
TITLE V (GEN.)		Υ (3)	Υ (3)		Y (3)		Y (*)		Y (3)			Y (3)		Y (*)		Y (*)	Y (3)	Y (3)	Y (3)		Y (3)	Y (3)		Y (*)		X (*)		Y (*)					Y (3)		Y (3)	Y (2)			
APPLICANT		Agriculture and Agri-Food	World Wide Wheat L.L.C.	Wide Wheat L.L.	Wide Wheat	Agripro Seeds, Inc.		Inc.	Monsanto Company	Western Plant Breeders,	Inc.	Arizona Plant Breeders,	Inc.	NDSU Research Foundation	Western Plant Breeders	NDSU Research Foundation	NDSU Research Foundation	World Wide Wheat L.L.C.	Agripro Seeds, Inc.	Western Plant Breeders	World Wide Wheat, L.L.C.	HybriTech US, a Monsanto	Company	Western Plant Breeders,	Inc.	Western Plant Breeders,	Inc.	Western Plant Breeders,	Inc.		T. M. Quinn		Dr. C.F. Konzak		Pflanzenzucht Oberlimpurg	The Ohio State University	Research Foundation		
KIND VARIETY	WHEAT, DURUM	(V)	Duraking	Durex	Durostar	Fjord	Imperial		Kari	Kofa		Kronos		Maier	Mohawk	Mountrail	Munich	Reva	Stockholm	Tacna	Utopia	Voss		WestBred 883		WestBred Laker		WestBred Turbo		WHEAT, POLISH	QK-77	WHEAT, POULARD	Memdu	WHEAT, SPELT	Franckenkorn	GR 900		WHEATGRASS	
1994 PVPA										> 4					> -	>-				> 4		×		> -				×		₩		×		> +	>-		×		
TITLE V (GEN.)		Y (2)	Ĭ	Y (3)			Y (3)	Y (3)	Y (3)			Y (3)	Y (2)					Y (*)				Y (3)		_			Υ (3)	Y (3)							Y (3)				Υ (3)
APPLICANT		Kentucky Agricultural Experiment Station	Adribro Seeds, Inc.			and USDA-ARS	Goertzen Seed Research	Seeds,	Agripro Seeds, Inc.	HybriTech US, a Monsanto	Company	Agripro Seeds, Inc.	Virginia Agricultural	Experiment Station		Western Plant Breeders,	Inc.	Western Plant Breeders,	Inc.	HybriTech US, a Monsanto	Company	Board of Regents,	University of Nebraska	Abilene Ag Service Inc.	Bredemeyer Bros.	seeds,		Colorado Wheat Research	on	Western Plant Breeders		Western Plant Breeders,		Research	NDSU Research Foundation	de Whe	Western Plant Breeders,		World Wide Wheat L.L.C.
KIND VARIETY	WHEAT, COMMON	Verne	Victory	Vista			Voyager	W2501	W2502	W88-039		Waco	Wakefield			WestBred 936		WestBred Challenger		WI88-052-13		Windstar		Winmaster	WinTex	Wrangler	Yuma	Yumar		Zeke	WHEAT, DURUM	Aruba		Belzer	Ben	Bravadur	Cortez		Diavolo Duro

^(*) No limit to the number of generations of certified seed beyond breeders seed.

TITLE V 1994 (GEN.) PVPA								
APPLICANT								
KIND VARIETY								
1994 1 PVPA				×	×	×		
TITLE V 1994 KIND (GEN.) PVPA VA	Y (2)				100			
APPLICANT	USDA-ARS, Utah Agricultural Experiment Station, USDA-SCS		Ball Horticultural	Sakata Seed Corporation	Sakata Seed Corporation	Sakata Seed Corporation	Ball Horticultural	Company
KIND VARIETY	NewHy	ZINNIA	Pinwheel Rose	Profusion Cherry	Profusion Orange	Profusion White	Red Lollipop	

(*) No limit to the number of generations of certified seed beyond breeders seed.

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